## Preface

The requirements for the assessment of real property for the purposes of property taxation are found in Nebraska law. The Constitution of Nebraska requires that "taxes shall be levied by valuation uniformly and proportionately upon all real property and franchises as defined by the Legislature except as otherwise provided in or permitted by this Constitution." Neb. Const. art. VIII, sec. 1 (1) (1998). The uniform standard for the assessed value of real property for tax purposes is actual value, which is defined by law as "the market value of real property in the ordinary course of trade." Neb. Rev. Stat. §77-112 (R.R.S., 2003). The assessment level for all real property, except agricultural land and horticultural land, is one hundred percent of actual value. The assessment level for agricultural land and horticultural land, hereinafter referred to as agricultural land, is seventy-five percent of actual value. Neb. Rev. Stat. §77-201 (1) and (2)(R.S. Supp., 2006). More importantly, for purposes of equalization, similar properties must be assessed at the same proportion of actual value when compared to each other. Achieving the constitutional requirement of proportionality ultimately ensures the balance equity in the imposition of the property tax by local units of government on each parcel of real property.

The assessment process, implemented under the authority of the county assessor, seeks to value similarly classed properties at the same proportion to actual value. This is not a precise mathematical process, but instead depends on the judgment of the county assessor, based on his or her analysis of relevant factors that affect the actual value of real property. Nebraska law provides ranges of acceptable levels of value that must be met to achieve the uniform and proportionate valuation of classes and subclasses of real property in each county. Neb. Rev. Stat. §77-5023 (R.S. Supp., 2006) requires that all classes of real property, except agricultural land, be assessed within the range of ninety-two and one hundred percent of actual value; the class of agricultural land receiving special valuation be assessed within the range sixty-nine to seventy-five percent of its special value; and, when the land is disqualified for special value the recapture value be assessed at actual value.

To ensure that the classes of real property are assessed at these required levels of actual value, the Department of Property Assessment and Taxation, hereinafter referred to as the Department, under the direction of the Property Tax Administrator, is annually responsible for analyzing and measuring the assessment performance of each county. This responsibility includes requiring the Property Tax Administrator to prepare statistical and narrative reports for the Tax Equalization and Review Commission, hereinafter referred to as the Commission, and the county assessors. Pursuant to Neb. Rev. Stat. §77-5027 (R.S. Supp., 2005):

(2) ... the Property Tax Administrator shall prepare and deliver to the commission and to each county assessor his or her annual reports and opinions.

(3) The annual reports and opinions of the Property Tax Administrator shall contain statistical and narrative reports informing the commission of the level of value and the quality of assessment of the classes and subclasses of real property within the county and a certification of the opinion of the Property Tax

Administrator regarding the level of value and quality of assessment of the classes and subclasses of real property in the county.

(4) In addition to an opinion of level of value and quality of assessment in the county, the Property Tax Administrator may make nonbinding recommendations for consideration by the commission.

The narrative and statistical reports contained in the Reports and Opinions of the Property Tax Administrator, hereinafter referred to as the R&O, provide a thorough, concise analysis of the assessment process implemented by each county assessor to reach the levels of value and quality of assessment required by Nebraska law. The Property Tax Administrator's opinion of level of value and quality of assessment achieved by each county assessor is a conclusion based upon all the data provided by the county assessor and gathered by the Department regarding the assessment activities during the preceding year. This is done in recognition of the fact that the measurement of assessment compliance, in terms of the concepts of actual value and uniformity and proportionality mandated by Nebraska law, requires both statistical and narrative analysis.

The Department is required by Neb. Rev. Stat. §77-1327 (R. S. Supp., 2005) to develop and maintain a state-wide sales file of all arm's length transactions. From this sales file the Department prepares an assessment sales ratio study in compliance with acceptable mass appraisal standards. The assessment sales ratio study is the primary mass appraisal performance evaluation tool. From the sales file, the Department prepares statistical analysis from a non-randomly selected set of observations, known as sales, from which inferences about the population, known as a class or subclass of real property, may be drawn. The statistical reports contained in the R&O are developed in compliance with standards developed by the International Association of Assessing Officers, hereinafter referred to as the IAAO.

However, just as the valuation of property is sometimes more art than science, a narrative analysis of assessment practices in each county is necessary to give proper context to the statistical inferences from the assessment sales ratio study. There may be instances when the analysis of assessment practices outweighs or limits the reliability of the statistical inferences of central tendency or quality measures. This may require an opinion of the level of value that is not identical to the result of the statistical calculation. The Property Tax Administrator's goal is to provide statistical and narrative analysis of the assessment level and practices to the Commission, providing the Commission with the most complete picture possible of the true level of value and quality of assessment in each county.

The Property Tax Administrator's opinions of level of value and quality of assessment are stated as a single numeric representation for level of value and a simple judgment regarding the quality of assessment practices. Based on the information collected in developing this report the Property Tax Administrator may feel further recommendations must be stated for a county to assist the Commission in determining the level of value and quality of assessment within a county. These opinions are made only after considering all narrative and statistical analysis provided by the county assessor and gathered by the Department. An evaluation of these opinions must only be made after considering all other information provided in the R&O. Finally, after reviewing all of the information available to the Property Tax Administrator regarding the level and quality of assessment for classes and subclasses of real property in each county, the Property Tax Administrator, pursuant to Neb. Rev. Stat. §77-5027(4) (R.S. Supp., 2005), may make recommendations for adjustments to value for classes and subclasses of property. All of the factors relating to the Property Tax Administrator's determination of level of value and quality of assessment shall be taken into account in the making of such recommendations. Such recommendations are not binding on the Commission.

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# 2007 Commission Summary

### 03 Arthur

Residential Real Property - Current					
Number of Sales		10	COD	15.22	
Total Sales Price	\$	252600	PRD	104.08	
Total Adj. Sales Price	\$	252600	COV	18.56	
Total Assessed Value	\$	236935	STD	18.12	
Avg. Adj. Sales Price	\$	25260.00	Avg. Abs. Dev.	14.88	
Avg. Assessed Value	\$	23693.50	Min	69.89	
Median		97.72	Max	125.90	
Wgt. Mean		93.80	95% Median C.I.	74.92 to 118.84	
Mean		97.63	95% Wgt. Mean C.I.	79.71 to 107.89	
			95% Mean C.I.	84.67 to 110.59	
% of Value of the Class of all	Real Pr	operty Value in	the County	4.04	
% of Records Sold in the Stud	ly Perio	d		8.26	
% of Value Sold in the Study	6.79				
Average Assessed Value of th	e Base			28,821	

<b>Residential Re</b>	al Property - History			
Year	Number of Sales	Median	COD	PRD
2007	10	97.72	15.22	104.08
2006	5	92.40	21.48	102.61
2005	5	106.87	13.61	95.63
2004	8	103.23	20.68	104.92
2003	5	100	22.75	115.72
2002	5	93	36.87	125.9
2001	6	93	17.53	108.96

# 2007 Commission Summary

### 03 Arthur

Number of Sales		3	COD	16.77
Total Sales Price	\$	14750	PRD	108.85
Total Adj. Sales Price	\$	14750	COV	24.15
Total Assessed Value	\$	13650	STD	24.33
Avg. Adj. Sales Price	\$	4916.67	Avg. Abs. Dev.	15.58
Avg. Assessed Value	\$	4550.00	Min	81.25
Median		92.94	Max	128.00
Wgt. Mean		92.54	95% Median C.I.	J/A
Mean		100.73	95% Wgt. Mean C.I.	J/A
			95% Mean C.I.	40.29 to 161.17
% of Value of the Class	of all Re	al Property Value in	n the County	5.2
% of Records Sold in the	e Study H	Period		8.11
% of Value Sold in the S	Study Pe	riod		0.3
Average Assessed Value	e of the H	Base		121,506

Commercial Re	eal Property - History			
Year	Number of Sales	Median	COD	PRD
2007	3	92.94	16.77	108.85
2006	6	97.27	20.00	106.87
2005	5	80.00	23.50	104.51
2004	4	94.30	23.98	98.53
2003	2	141	22.59	90.54
2002	1	172	0	100
2001	6	109	26.89	84.71

# 2007 Commission Summary

### 03 Arthur

Agricultural Land - Current					
Number of Sales		6	COD	9.64	
Total Sales Price	\$	1412768	PRD	101.38	
Total Adj. Sales Price	\$	1412768	COV	13.36	
Total Assessed Value	\$	1036680	STD	9.94	
Avg. Adj. Sales Price	\$	235461.33	Avg. Abs. Dev.	6.78	
Avg. Assessed Value	\$	172780.00	Min	66.51	
Median		70.36	Max	92.71	
Wgt. Mean		73.38	95% Median C.I.	66.51 to 92.71	
Mean		74.39	95% Wgt. Mean C.I.	62.42 to 84.34	
			95% Mean C.I.	63.96 to 84.82	
% of Value of the Class of	all Rea	l Property Value in	n the County	90.84	
% of Records Sold in the S	Study Pe	eriod		0.65	
% of Value Sold in the Stu	22.01				
Average Assessed Value of	of the Ba	ase		85,242	

#### **Agricultural Land - History**

Year	Number of Sales	Median	COD	PRD
2007	6	70.36	9.64	101.38
2006	12	75.63	18.59	106.41
2005	9	74.80	20.03	92.17
2004	13	74.62	16.33	97.38
2003	9	77	7.32	103.67
2002	10	77	10.82	111.42
2001	8	75	10.26	111.13

## 2007 Opinions of the Property Tax Administrator for Arthur County

My opinions and recommendations are stated as a conclusion based on all of the factors known to me about the assessment practices and statistical analysis for this county. See, Neb. Rev. Stat. §77-5027 (R. S. Supp., 2005). While I rely primarily on the median assessment sales ratio from the Qualified Statistical Reports for each class of real property, my opinion of level of value for a class of real property may be determined from other evidence contained in the RO. Although my primary resource regarding quality of assessment are the performance standards issued by the IAAO, my opinion of quality of assessment for a class of real property may be influenced by the assessment practices of the county assessor.

#### **Residential Real Property**

It is my opinion that the level of value of the class of residential real property in Arthur County is 98% of actual value. It is my opinion that the quality of assessment for the class of residential real property in Arthur County is in compliance with generally accepted mass appraisal practices.

#### **Commercial Real Property**

It is my opinion that the level of value of the class of commercial real property in Arthur County is 93% of actual value. It is my opinion that the quality of assessment for the class of commercial real property in Arthur County is in compliance with generally accepted mass appraisal practices.

#### **Agricultural Land**

It is my opinion that the level of value of the class of agricultural land in Arthur County is 70% of actual value. It is my opinion that the quality of assessment for the class of agricultural land in Arthur County is in compliance with generally accepted mass appraisal practices.

Dated this 9th day of April, 2007.



Catherine Dang

Catherine D. Lang Property Tax Administrator

## **Residential Real Property**

#### I. Correlation

RESIDENTIAL: The three measures of central tendency are within the acceptable parameters in the small sample size for residential property in Arthur County. No overall changes were made with the exception of annual pickup work for the 2007 assessment year. Based on the statistical information contained in this report and no other information available, it is believed that Arthur County has attained the level of value and has uniform and proportionate assessment practices.

#### II. Analysis of Percentage of Sales Used

This section documents the utilization of total sales compared to qualified sales in the sales file. Neb. Rev. Stat. §77-1327 (R. S. Supp., 2005) provides that all sales are deemed to be arm's length transactions unless determined to be otherwise under professionally accepted mass appraisal techniques. The county assessor is responsible for the qualification of the sales included in the residential sales file. The Department periodically reviews the procedures utilized by the county assessor to qualify/disqualify sales.

The Standard on Ratio Studies, International Association of Assessing Officials, (1999), indicates that low levels of sale utilization may indicate excessive trimming by the county assessor. Excessive trimming, the arbitrary exclusion or adjustment of arm's length transactions, may indicate an attempt to inappropriately exclude arm's length transactions to create the appearance of a higher level of value and quality of assessment. The sales file, in a case of excess trimming, will fail to properly represent the level of value and quality of assessment of the population of residential real property.

	<b>Total Sales</b>	<b>Qualified Sales</b>	Percent Used
2007	14	10	71.43
2006	7	5	71.43
2005	8	5	62.5
2004	15	8	53.33
2003	14	5	35.71
2002	11	5	45.45
2001	13	6	46.15

RESIDENTIAL: While the total number of residential sales has increased for 2007, likewise the qualified number of sales has also. The results show that the Arthur County Assessor utilizes a high portion of the available sales to represent the residential property class and has not excessively trimmed the sample.

#### III. Analysis of the Preliminary, Trended Preliminary and R&O Median Ratio

The trended preliminary ratio is an alternative method to calculate a point estimate as an indicator of the level of value. This table compares the preliminary median ratio, trended preliminary median ratio, and R&O median ratio, presenting four years of data to reveal any trends in assessment practices. The analysis that follows compares the changes in these ratios to the assessment actions taken by the county assessor. If the county assessor's assessment practices treat all properties in the sales file and properties in the population in a similar manner, the trended preliminary ratio will correlate closely with the R&O median ratio. The following is the justification for the trended preliminary ratio:

#### Adjusting for Selective Reappraisal

The reliability of sales ratio statistics depends on unsold parcels being appraised in the same manner as sold parcels. Selective reappraisal of sold parcels distorts sales ratio results, possibly rendering them useless. Equally important, selective reappraisal of sold parcels ("sales chasing") is a serious violation of basic appraisal uniformity and is highly unprofessional. Oversight agencies must be vigilant to detect the practice if it occurs and take necessary corrective action.

[To monitor sales chasing] A preferred approach is to use only sales that occur after appraised values are determined. However, as long as values from the most recent appraisal year are used in ratio studies, this is likely to be impractical. A second approach is to use values from the previous assessment year, so that most (or all) sales in the study follow the date values were set. In this approach, measures of central tendency must be adjusted to reflect changes in value between the previous and current year. For example, assume that the measure of central tendency is 0.924 and, after excluding parcels with changes in use or physical characteristics, that the overall change in value between the previous and current assessment years is 6.3 percent. The adjusted measure of central tendency is  $0.924 \times 1.063 = 0.982$ . This approach can be effective in determining the level of appraisal, but measures of uniformity will be unreliable if there has been any meaningful reappraisal activity for the current year.

Gloudemans, Robert J., Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 315.

	Preliminary Median	% Change in Assessed Value (excl. growth)	Trended Preliminary Ratio	R&O Median
2007	97.72	0.94	98.64	97.72
2006	92.40	1.13	93.44	92.40
2005	106.87	1.14	108.09	106.87
2004	103.23	1.38	104.65	103.23
2003	121	-0.4	120.52	100
2002	70	18.91	83.24	93
2001	93	-5.94	87.48	93

#### III. Analysis of the Preliminary, Trended Preliminary and R&O Median Ratio Continued

RESIDENTIAL: The minor differences shown on the table between the percent change in assessed value (excl. growth) and the trended preliminary ratio support the assessor's actions to complete annual pickup work with no overall changes made to the residential property class in Arthur County. The preliminary median and R&O ratio are identical and offer strong support of the assessor's actions.

# IV. Analysis of Percentage Change in Total Assessed Value in the Sales File to Percentage Change in Assessed Value

This section analyzes the percentage change of the assessed values in the sales file, between the 2007 Preliminary Statistical Reports and the 2007 R&O Statistical Reports, to the percentage change in the assessed value of all real property base, by class, reported in the 2007 County Abstract of Assessment for Real Property, Form 45, excluding growth valuation, compared to the 2006 Certificate of Taxes Levied (CTL) Report. For purposes of calculating the percentage change in the sales file, only the sales in the most recent year of the study period are used. If assessment practices treat sold and unsold properties consistently, the percentage change in the sales file and assessed base will be similar. The analysis of this data assists in determining if the statistical representations calculated from the sales file are an accurate measure of the population. The following is justification for such an analysis:

Comparison of Average Value Changes

If sold and unsold properties are similarly appraised, they should experience similar changes in value over time. Accordingly, it is possible to compute the average change in value over a selected period for sold and unsold parcels and, if necessary, test to determine whether observed differences are significant. If, for example, values for vacant sold parcels in an area have increased by 45 percent since the previous reappraisal, but values for vacant unsold parcels have increased only 10 percent, sold and unsold parcels appear to have not been equally appraised. This apparent disparity between the treatment of sold and unsold properties provides an initial indication of poor assessment practices and should trigger further inquiry into the reasons for the disparity.

Gloudemans, Robert J., Mass Appraisal of Real Property, (International Association of Assessing Officers, 1999), p. 311.

IV. Analysis of Percentage Change in Total Assessed Value in the Sales File to Percentage
Change in Assessed Value Continued

% Change in Total Assesse Value in the Sales File	d	% Change in Assessed Value (excl. growth)
0.03	2007	0.94
1.02	2006	1.13
0	2005	1.14
0	2004	1.38
-21.32	2003	-0.4
33	2002	18.91
0	2001	-5.94

RESIDENTIAL: The difference shown between the percent change in the total assessed value in the sales file and the percent change in assessed value (excluding growth) supports the annual pickup work that was completed for the 2007 assessment year. No overall actions were made to the residential property class as a whole.

#### V. Analysis of the R&O Median, Wgt. Mean, and Mean Ratios

There are three measures of central tendency calculated by the Department: median ratio, weighted mean ratio, and mean ratio. Because each measure of central tendency has its own strengths and weaknesses, the use of any statistic for equalization should be reconciled with the other two, as in an appraisal, based on the appropriateness in the use of the statistic for a defined purpose, the quantity of the information from which it was drawn, and the reliability of the data that was used in its calculation. An examination of the three measures can serve to illustrate important trends in the data if the measures do not closely correlate to each other.

The IAAO considers the median ratio the most appropriate statistical measure for use in determining level of value for "direct" equalization; the process of adjusting the values of classes or subclasses of property in response to the determination of level of value at a point above or below a particular range. Because the median ratio is considered neutral in relationship to either assessed value or selling price, its use in adjusting the class or subclass of properties will not change the relationships between assessed value and level of value already present within the class or subclass of properties, thus rendering an adjustment neutral in its impact on relative tax burden to an individual property. Additionally, the median ratio is less influenced by the presence of extreme ratios, commonly called outliers. One outlier in a small sample size of sales can have controlling influence over the other measures of central tendency. The median ratio limits the distortion potential of an outlier.

The weighted mean ratio is viewed by the IAAO as the most appropriate statistical measure for "indirect" equalization; to ensure proper funding distribution of aid to political subdivisions, particularly when the distribution in part is based on the assessable value in that political subdivision, Standard on Ratio Studies, International Association of Assessing Officers, (1999). The weighted mean, because it is a value weighted ratio, best reflects a comparison of the assessed and market value of property in the political subdivision. If the distribution of aid to political subdivision, the measurement of central tendency used to analyze level of value should reflect the dollars of value available to be assessed. The weighted mean ratio does that more than either of the other measures of central tendency.

If the weighted mean ratio, because of its dollar-weighting feature, is significantly different from the median ratio, it may be an indication of other problems with assessment proportionality. When this occurs, an evaluation of the county's assessment practices and procedures is appropriate to discover remedies to the situation.

The mean ratio is used as a basis for other statistical calculations, such as the price related differential and coefficient of variation. However, the mean ratio has limited application in the analysis of level of value because it assumes a normal distribution of the data set around the mean ratio with each ratio having the same impact on the calculation regardless of the assessed value or the selling price.

#### V. Analysis of the R&O Median, Wgt. Mean, and Mean Ratios Continued

	Median	Wgt. Mean	Mean
<b>R&amp;O Statistics</b>	97.72	93.80	97.63

RESIDENTIAL: All three measures of central tendency are within the acceptable range. For direct equalization purposes the median will be used to describe the level of value for the residential class of property in Arthur County for the 2007 assessment year.

#### VI. Analysis of R&O COD and PRD

In analyzing the statistical data of assessment quality, there are two measures primarily relied upon by assessment officials. The Coefficient of Dispersion, COD, is produced to measure assessment uniformity. A low COD tends to indicate good assessment uniformity as there is a smaller "spread" or dispersion of the ratios in the sales file. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), pp. 235-237 indicates that a COD of less than 15 suggests that there is good assessment uniformity. The IAAO has issued performance standards for major property groups:

Single-family residences: a COD of 15 percent or less.

For newer and fairly homogeneous areas: a COD of 10 or less. Income-producing property: a COD of 20 or less, or in larger urban jurisdictions, 15 or less. Vacant land and other unimproved property, such as agricultural land: a COD of 20 or less. Rural residential and seasonal properties: a COD of 20 or less.

Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 246.

The Price Related Differential, PRD, is produced to measure assessment vertical uniformity (progressivity or regressivity). For example, assessments are considered regressive if high value properties are under-assessed relative to low value properties. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), pp. 239-240 indicates that a PRD of greater than 100 suggests that high value properties are relatively under-assessed. A PRD of less than 100 indicates that high value properties are relatively over-assessed. As a general rule, except for small samples, a PRD should range between 98 and 103. This range is centered slightly above 100 to allow for a slightly upward measurement bias inherent in the PRD. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 247.

The analysis in this section indicates whether the COD and PRD meet the performance standards described above.

	COD	PRD
<b>R&amp;O Statistics</b>	15.22	104.08
Difference	0.22	1.08

RESIDENTIAL: Although the price-related differential is slightly over the parameters, the coefficient of dispersion would round to an acceptable percent. The indicators may not be reliable due to the limited number of sales within the sample size. Based on the known assessment practices for Arthur County, it is believed that the county has uniform and proportionate assessments for 2007.

#### VII. Analysis of Change in Statistics Due to Assessor Actions

This section compares the statistical indicators from the Preliminary Statistical Reports to the same statistical indicators from the R&O Statistical Reports. The analysis that follows explains the changes in the statistical indicators in consideration of the assessment actions taken by the county assessor.

	<b>Preliminary Statistics</b>	<b>R&amp;O Statistics</b>	Change
Number of Sales	10	10	0
Median	97.72	97.72	0
Wgt. Mean	93.78	93.80	0.02
Mean	97.62	97.63	0.01
COD	15.23	15.22	-0.01
PRD	104.10	104.08	-0.02
Min Sales Ratio	69.89	69.89	0
<b>Max Sales Ratio</b>	125.90	125.90	0

RESIDENTIAL: The above table reflects very minor changes between the Preliminary Statistics and the R&O Statistics for residential property in Arthur County for 2007. This is consistent with the Assessment Actions section of the survey.

#### **Commerical Real Property**

#### I. Correlation

COMMERCIAL: No overall changes were made to the commercial property class in Arthur County for 2007. The median and weighted mean measures of central tendency are both within the acceptabe range along with the coefficient of dispersion for qualitative measure purposes. It is believed based on the known assessment practices and statistical information contained in this report the county has attained the level of value and uniform and proportionate assessment practices for the 2007 assessment year for the commercial property class.

#### II. Analysis of Percentage of Sales Used

This section documents the utilization of total sales compared to qualified sales in the sales file. Neb. Rev. Stat. §77-1327 (R. S. Supp., 2005) provides that all sales are deemed to be arm's length transactions unless determined to be otherwise under professionally accepted mass appraisal techniques. The county assessor is responsible for the qualification of the sales included in the residential sales file. The Department periodically reviews the procedures utilized by the county assessor to qualify/disqualify sales.

The Standard on Ratio Studies, International Association of Assessing Officials, (1999), indicates that low levels of sale utilization may indicate excessive trimming by the county assessor. Excessive trimming, the arbitrary exclusion or adjustment of arm's length transactions, may indicate an attempt to inappropriately exclude arm's length transactions to create the appearance of a higher level of value and quality of assessment. The sales file, in a case of excess trimming, will fail to properly represent the level of value and quality of assessment of the population of residential real property.

	<b>Total Sales</b>	<b>Qualified Sales</b>	Percent Used
2007	7	3	42.86
2006	9	6	66.67
2005	6	5	83.33
2004	5	4	80
2003	3	2	66.67
2002	3	1	33.33
2001	8	6	75

COMMERCIAL: Historically Arthur County has very few commercial sales to represent the commercial property class. It is believed the measurements of the commercial properties in Arthur County were done as fairly as possible with the limited number of sales in the study period.

#### III. Analysis of the Preliminary, Trended Preliminary and R&O Median Ratio

The trended preliminary ratio is an alternative method to calculate a point estimate as an indicator of the level of value. This table compares the preliminary median ratio, trended preliminary median ratio, and R&O median ratio, presenting four years of data to reveal any trends in assessment practices. The analysis that follows compares the changes in these ratios to the assessment actions taken by the county assessor. If the county assessor's assessment practices treat all properties in the sales file and properties in the population in a similar manner, the trended preliminary ratio will correlate closely with the R&O median ratio. The following is the justification for the trended preliminary ratio:

#### Adjusting for Selective Reappraisal

The reliability of sales ratio statistics depends on unsold parcels being appraised in the same manner as sold parcels. Selective reappraisal of sold parcels distorts sales ratio results, possibly rendering them useless. Equally important, selective reappraisal of sold parcels ("sales chasing") is a serious violation of basic appraisal uniformity and is highly unprofessional. Oversight agencies must be vigilant to detect the practice if it occurs and take necessary corrective action.

[To monitor sales chasing] A preferred approach is to use only sales that occur after appraised values are determined. However, as long as values from the most recent appraisal year are used in ratio studies, this is likely to be impractical. A second approach is to use values from the previous assessment year, so that most (or all) sales in the study follow the date values were set. In this approach, measures of central tendency must be adjusted to reflect changes in value between the previous and current year. For example, assume that the measure of central tendency is 0.924 and, after excluding parcels with changes in use or physical characteristics, that the overall change in value between the previous and current assessment years is 6.3 percent. The adjusted measure of central tendency is  $0.924 \times 1.063 = 0.982$ . This approach can be effective in determining the level of appraisal, but measures of uniformity will be unreliable if there has been any meaningful reappraisal activity for the current year.

Gloudemans, Robert J., Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 315.

	Preliminary Median	% Change in Assessed Value (excl. growth)	Trended Preliminary Ratio	<b>R&amp;O Median</b>
2007	92.94	0.02	92.96	92.94
2006	86.47	884.39	851.2	97.27
2005	80.00	-0.05	79.96	80.00
2004	94.30	-4.79	89.78	94.30
2003	0	-89.75	0	0
2002	172	0.37	172.64	0
2001	109	2.03	111.21	109

#### III. Analysis of the Preliminary, Trended Preliminary and R&O Median Ratio Continued

COMMERCIAL: The minor differences shown on the table between the percent change in assessed value (excl. growth) and the trended preliminary ratio support the assessor's actions to complete annual pickup work with no overall changes made to the commerical property class in Arthur County. The preliminary median and R&O ratio are identical and offer strong support of the assessor's actions.

# IV. Analysis of Percentage Change in Total Assessed Value in the Sales File to Percentage Change in Assessed Value

This section analyzes the percentage change of the assessed values in the sales file, between the 2007 Preliminary Statistical Reports and the 2007 R&O Statistical Reports, to the percentage change in the assessed value of all real property base, by class, reported in the 2007 County Abstract of Assessment for Real Property, Form 45, excluding growth valuation, compared to the 2006 Certificate of Taxes Levied (CTL) Report. For purposes of calculating the percentage change in the sales file, only the sales in the most recent year of the study period are used. If assessment practices treat sold and unsold properties consistently, the percentage change in the sales file and assessed base will be similar. The analysis of this data assists in determining if the statistical representations calculated from the sales file are an accurate measure of the population. The following is justification for such an analysis:

Comparison of Average Value Changes

If sold and unsold properties are similarly appraised, they should experience similar changes in value over time. Accordingly, it is possible to compute the average change in value over a selected period for sold and unsold parcels and, if necessary, test to determine whether observed differences are significant. If, for example, values for vacant sold parcels in an area have increased by 45 percent since the previous reappraisal, but values for vacant unsold parcels have increased only 10 percent, sold and unsold parcels appear to have not been equally appraised. This apparent disparity between the treatment of sold and unsold properties provides an initial indication of poor assessment practices and should trigger further inquiry into the reasons for the disparity.

Gloudemans, Robert J., Mass Appraisal of Real Property, (International Association of Assessing Officers, 1999), p. 311.

IV. Analysis of Percentage Change in Total Assessed Value in the Sales File to Percentage
Change in Assessed Value Continued

% Change in Total Assesse Value in the Sales File	d	% Change in Assessed Value (excl. growth)
N/A	2007	0.02
0	2006	884.39
0	2005	-0.05
0	2004	-4.79
0	2003	-89.75
0	2002	0.37
0	2001	2.03

COMMERCIAL: The slight difference shown between the percent change in the total assessed value in the sales file and the percent change in assessed value (excluding growth) supports the annual pickup work that was completed for the 2007 assessment year. No overall actions were made to the commercial property class as a whole.

#### V. Analysis of the R&O Median, Wgt. Mean, and Mean Ratios

There are three measures of central tendency calculated by the Department: median ratio, weighted mean ratio, and mean ratio. Because each measure of central tendency has its own strengths and weaknesses, the use of any statistic for equalization should be reconciled with the other two, as in an appraisal, based on the appropriateness in the use of the statistic for a defined purpose, the quantity of the information from which it was drawn, and the reliability of the data that was used in its calculation. An examination of the three measures can serve to illustrate important trends in the data if the measures do not closely correlate to each other.

The IAAO considers the median ratio the most appropriate statistical measure for use in determining level of value for "direct" equalization; the process of adjusting the values of classes or subclasses of property in response to the determination of level of value at a point above or below a particular range. Because the median ratio is considered neutral in relationship to either assessed value or selling price, its use in adjusting the class or subclass of properties will not change the relationships between assessed value and level of value already present within the class or subclass of properties, thus rendering an adjustment neutral in its impact on relative tax burden to an individual property. Additionally, the median ratio is less influenced by the presence of extreme ratios, commonly called outliers. One outlier in a small sample size of sales can have controlling influence over the other measures of central tendency. The median ratio limits the distortion potential of an outlier.

The weighted mean ratio is viewed by the IAAO as the most appropriate statistical measure for "indirect" equalization; to ensure proper funding distribution of aid to political subdivisions, particularly when the distribution in part is based on the assessable value in that political subdivision, Standard on Ratio Studies, International Association of Assessing Officers, (1999). The weighted mean, because it is a value weighted ratio, best reflects a comparison of the assessed and market value of property in the political subdivision. If the distribution of aid to political subdivision, the measurement of central tendency used to analyze level of value should reflect the dollars of value available to be assessed. The weighted mean ratio does that more than either of the other measures of central tendency.

If the weighted mean ratio, because of its dollar-weighting feature, is significantly different from the median ratio, it may be an indication of other problems with assessment proportionality. When this occurs, an evaluation of the county's assessment practices and procedures is appropriate to discover remedies to the situation.

The mean ratio is used as a basis for other statistical calculations, such as the price related differential and coefficient of variation. However, the mean ratio has limited application in the analysis of level of value because it assumes a normal distribution of the data set around the mean ratio with each ratio having the same impact on the calculation regardless of the assessed value or the selling price.

#### V. Analysis of the R&O Median, Wgt. Mean, and Mean Ratios Continued

	Median	Wgt. Mean	Mean
<b>R&amp;O Statistics</b>	92.94	92.54	100.73

COMMERCIAL: Both the median and weighted mean measures of central tendency are within the acceptable range with the mean falling slightly over. For direct equalization purposes, the median should be used to determine the level of value in the commercial class of property in Arthur County.

#### VI. Analysis of R&O COD and PRD

In analyzing the statistical data of assessment quality, there are two measures primarily relied upon by assessment officials. The Coefficient of Dispersion, COD, is produced to measure assessment uniformity. A low COD tends to indicate good assessment uniformity as there is a smaller "spread" or dispersion of the ratios in the sales file. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), pp. 235-237 indicates that a COD of less than 15 suggests that there is good assessment uniformity. The IAAO has issued performance standards for major property groups:

Single-family residences: a COD of 15 percent or less.

For newer and fairly homogeneous areas: a COD of 10 or less. Income-producing property: a COD of 20 or less, or in larger urban jurisdictions, 15 or less. Vacant land and other unimproved property, such as agricultural land: a COD of 20 or less. Rural residential and seasonal properties: a COD of 20 or less.

Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 246.

The Price Related Differential, PRD, is produced to measure assessment vertical uniformity (progressivity or regressivity). For example, assessments are considered regressive if high value properties are under-assessed relative to low value properties. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), pp. 239-240 indicates that a PRD of greater than 100 suggests that high value properties are relatively under-assessed. A PRD of less than 100 indicates that high value properties are relatively over-assessed. As a general rule, except for small samples, a PRD should range between 98 and 103. This range is centered slightly above 100 to allow for a slightly upward measurement bias inherent in the PRD. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 247.

The analysis in this section indicates whether the COD and PRD meet the performance standards described above.

	COD	PRD
<b>R&amp;O Statistics</b>	16.77	108.85
Difference	0	5.85

COMMERCIAL: The coefficient of dispersion is within the acceptable range for qualitative measure purposes. Although the price-related differential is above the parameters, the indicators may not be reliable due to the limited number of sales. Based on the known assessment practices for Arthur County, it is believed that the county has uniform and proportionate assessments for 2007.

#### VII. Analysis of Change in Statistics Due to Assessor Actions

This section compares the statistical indicators from the Preliminary Statistical Reports to the same statistical indicators from the R&O Statistical Reports. The analysis that follows explains the changes in the statistical indicators in consideration of the assessment actions taken by the county assessor.

	<b>Preliminary Statistics</b>	<b>R&amp;O Statistics</b>	Change
Number of Sales	3	3	0
Median	92.94	92.94	0
Wgt. Mean	92.54	92.54	0
Mean	100.73	100.73	0
COD	16.77	16.77	0
PRD	108.85	108.85	0
Min Sales Ratio	81.25	81.25	0
<b>Max Sales Ratio</b>	128.00	128.00	0

COMMERCIAL: No changes are shown between the Preliminary and R&O Statistics which are consistent with the assessment actions of no changes made to commercial properties in Arthur County for 2007.

#### **Agricultural Land**

#### I. Correlation

AGRICULTURAL UNIMPROVED: All three measures of central tendency are within the acceptable parameters for each and support the assessor's actions to increase 4G1 by \$10 and 4G by \$15 for each subclass of grassland in Arthur County. Arthur County has correlated grassland valuations consistent with the market and the surrounding counties. The six sales represent a total of 6,088 grass acres which represents 1.38% of the grassland base total. The coefficient of dispersion and price related differential are both within the acceptable ranges. It is believed that the county has attained the level of value and has uniform and proportionate assessments through the assessment actions of the Arthur County Assessor for 2007.

#### II. Analysis of Percentage of Sales Used

This section documents the utilization of total sales compared to qualified sales in the sales file. Neb. Rev. Stat. §77-1327 (R. S. Supp., 2005) provides that all sales are deemed to be arm's length transactions unless determined to be otherwise under professionally accepted mass appraisal techniques. The county assessor is responsible for the qualification of the sales included in the residential sales file. The Department periodically reviews the procedures utilized by the county assessor to qualify/disqualify sales.

The Standard on Ratio Studies, International Association of Assessing Officials, (1999), indicates that low levels of sale utilization may indicate excessive trimming by the county assessor. Excessive trimming, the arbitrary exclusion or adjustment of arm's length transactions, may indicate an attempt to inappropriately exclude arm's length transactions to create the appearance of a higher level of value and quality of assessment. The sales file, in a case of excess trimming, will fail to properly represent the level of value and quality of assessment of the population of residential real property.

	<b>Total Sales</b>	<b>Qualified Sales</b>	Percent Used
2007	19	6	31.58
2006	18	12	66.67
2005	14	9	64.29
2004	18	13	72.22
2003	15	9	60
2002	14	10	71.43
2001	11	8	72.73

AGRICULTURAL UNIMPROVED: Although the table indicates a small sample size and low percent of total sales used in the agricultural unimproved land class, the assessor continues to conduct a sales review questionaire process for the development of the qualified statistics.

#### III. Analysis of the Preliminary, Trended Preliminary and R&O Median Ratio

The trended preliminary ratio is an alternative method to calculate a point estimate as an indicator of the level of value. This table compares the preliminary median ratio, trended preliminary median ratio, and R&O median ratio, presenting four years of data to reveal any trends in assessment practices. The analysis that follows compares the changes in these ratios to the assessment actions taken by the county assessor. If the county assessor's assessment practices treat all properties in the sales file and properties in the population in a similar manner, the trended preliminary ratio will correlate closely with the R&O median ratio. The following is the justification for the trended preliminary ratio:

#### Adjusting for Selective Reappraisal

The reliability of sales ratio statistics depends on unsold parcels being appraised in the same manner as sold parcels. Selective reappraisal of sold parcels distorts sales ratio results, possibly rendering them useless. Equally important, selective reappraisal of sold parcels ("sales chasing") is a serious violation of basic appraisal uniformity and is highly unprofessional. Oversight agencies must be vigilant to detect the practice if it occurs and take necessary corrective action.

[To monitor sales chasing] A preferred approach is to use only sales that occur after appraised values are determined. However, as long as values from the most recent appraisal year are used in ratio studies, this is likely to be impractical. A second approach is to use values from the previous assessment year, so that most (or all) sales in the study follow the date values were set. In this approach, measures of central tendency must be adjusted to reflect changes in value between the previous and current year. For example, assume that the measure of central tendency is 0.924 and, after excluding parcels with changes in use or physical characteristics, that the overall change in value between the previous and current assessment years is 6.3 percent. The adjusted measure of central tendency is  $0.924 \times 1.063 = 0.982$ . This approach can be effective in determining the level of appraisal, but measures of uniformity will be unreliable if there has been any meaningful reappraisal activity for the current year.

Gloudemans, Robert J., Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 315.

	Preliminary Median	% Change in Assessed Value (excl. growth)	Trended Preliminary Ratio	R&O Median
2007	64.38	8.58	69.9	70.36
2006	68.48	13.19	77.51	75.63
2005	73.73	3.21	76.1	74.80
2004	74.62	0.01	74.63	74.62
2003	77	-0.11	76.92	77
2002	77	0	77	77
2001	75	5.88	79.41	75

### III. Analysis of the Preliminary, Trended Preliminary and R&O Median Ratio Continued

AGRICULTURAL UNIMPROVED: The Trended Preliminary Ratio and the R&O Ratio are very close and offer strong support of each other. Both ratios are reflective of the assessors actions to increase 4G1 and 4G subclasses for 2007.

# IV. Analysis of Percentage Change in Total Assessed Value in the Sales File to Percentage Change in Assessed Value

This section analyzes the percentage change of the assessed values in the sales file, between the 2007 Preliminary Statistical Reports and the 2007 R&O Statistical Reports, to the percentage change in the assessed value of all real property base, by class, reported in the 2007 County Abstract of Assessment for Real Property, Form 45, excluding growth valuation, compared to the 2006 Certificate of Taxes Levied (CTL) Report. For purposes of calculating the percentage change in the sales file, only the sales in the most recent year of the study period are used. If assessment practices treat sold and unsold properties consistently, the percentage change in the sales file and assessed base will be similar. The analysis of this data assists in determining if the statistical representations calculated from the sales file are an accurate measure of the population. The following is justification for such an analysis:

Comparison of Average Value Changes

If sold and unsold properties are similarly appraised, they should experience similar changes in value over time. Accordingly, it is possible to compute the average change in value over a selected period for sold and unsold parcels and, if necessary, test to determine whether observed differences are significant. If, for example, values for vacant sold parcels in an area have increased by 45 percent since the previous reappraisal, but values for vacant unsold parcels have increased only 10 percent, sold and unsold parcels appear to have not been equally appraised. This apparent disparity between the treatment of sold and unsold properties provides an initial indication of poor assessment practices and should trigger further inquiry into the reasons for the disparity.

Gloudemans, Robert J., Mass Appraisal of Real Property, (International Association of Assessing Officers, 1999), p. 311.

IV. Analysis of Percentage Change in Total Assessed Value in the Sales File to Percentage
Change in Assessed Value Continued

% Change in Total Assesse Value in the Sales File	d	% Change in Assessed Value (excl. growth)
9.67	2007	8.58
14.19	2006	13.19
0	2005	3.21
0	2004	0.01
0	2003	-0.11
0	2002	0
0	2001	5.88

AGRICULTURAL UNIMPROVED: The table above supports the assessment actions implemented by the assessor for 2007 by increasing the 4G1 and 4G subclassifications to keep current with the market. The sale file base is represented with a very high percent of these subclasses.

#### V. Analysis of the R&O Median, Wgt. Mean, and Mean Ratios

There are three measures of central tendency calculated by the Department: median ratio, weighted mean ratio, and mean ratio. Because each measure of central tendency has its own strengths and weaknesses, the use of any statistic for equalization should be reconciled with the other two, as in an appraisal, based on the appropriateness in the use of the statistic for a defined purpose, the quantity of the information from which it was drawn, and the reliability of the data that was used in its calculation. An examination of the three measures can serve to illustrate important trends in the data if the measures do not closely correlate to each other.

The IAAO considers the median ratio the most appropriate statistical measure for use in determining level of value for "direct" equalization; the process of adjusting the values of classes or subclasses of property in response to the determination of level of value at a point above or below a particular range. Because the median ratio is considered neutral in relationship to either assessed value or selling price, its use in adjusting the class or subclass of properties will not change the relationships between assessed value and level of value already present within the class or subclass of properties, thus rendering an adjustment neutral in its impact on relative tax burden to an individual property. Additionally, the median ratio is less influenced by the presence of extreme ratios, commonly called outliers. One outlier in a small sample size of sales can have controlling influence over the other measures of central tendency. The median ratio limits the distortion potential of an outlier.

The weighted mean ratio is viewed by the IAAO as the most appropriate statistical measure for "indirect" equalization; to ensure proper funding distribution of aid to political subdivisions, particularly when the distribution in part is based on the assessable value in that political subdivision, Standard on Ratio Studies, International Association of Assessing Officers, (1999). The weighted mean, because it is a value weighted ratio, best reflects a comparison of the assessed and market value of property in the political subdivision. If the distribution of aid to political subdivision, the measurement of central tendency used to analyze level of value should reflect the dollars of value available to be assessed. The weighted mean ratio does that more than either of the other measures of central tendency.

If the weighted mean ratio, because of its dollar-weighting feature, is significantly different from the median ratio, it may be an indication of other problems with assessment proportionality. When this occurs, an evaluation of the county's assessment practices and procedures is appropriate to discover remedies to the situation.

The mean ratio is used as a basis for other statistical calculations, such as the price related differential and coefficient of variation. However, the mean ratio has limited application in the analysis of level of value because it assumes a normal distribution of the data set around the mean ratio with each ratio having the same impact on the calculation regardless of the assessed value or the selling price.

### V. Analysis of the R&O Median, Wgt. Mean, and Mean Ratios Continued

	Median	Wgt. Mean	Mean
<b>R&amp;O</b> Statistics	70.36	73.38	74.39

AGRICULTURAL UNIMPROVED: All three measures of central tendency are within the acceptable range as shown on the above table. The median best represents the level of value for the unimproved agricultural property class in Arthur County.

### VI. Analysis of R&O COD and PRD

In analyzing the statistical data of assessment quality, there are two measures primarily relied upon by assessment officials. The Coefficient of Dispersion, COD, is produced to measure assessment uniformity. A low COD tends to indicate good assessment uniformity as there is a smaller "spread" or dispersion of the ratios in the sales file. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), pp. 235-237 indicates that a COD of less than 15 suggests that there is good assessment uniformity. The IAAO has issued performance standards for major property groups:

Single-family residences: a COD of 15 percent or less.

For newer and fairly homogeneous areas: a COD of 10 or less. Income-producing property: a COD of 20 or less, or in larger urban jurisdictions, 15 or less. Vacant land and other unimproved property, such as agricultural land: a COD of 20 or less. Rural residential and seasonal properties: a COD of 20 or less.

Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 246.

The Price Related Differential, PRD, is produced to measure assessment vertical uniformity (progressivity or regressivity). For example, assessments are considered regressive if high value properties are under-assessed relative to low value properties. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), pp. 239-240 indicates that a PRD of greater than 100 suggests that high value properties are relatively under-assessed. A PRD of less than 100 indicates that high value properties are relatively over-assessed. As a general rule, except for small samples, a PRD should range between 98 and 103. This range is centered slightly above 100 to allow for a slightly upward measurement bias inherent in the PRD. Mass Appraisal of Real Property, International Association of Assessing Officers, (1999), p. 247.

The analysis in this section indicates whether the COD and PRD meet the performance standards described above.

	COD	PRD
<b>R&amp;O Statistics</b>	9.64	101.38
Difference	0	0

AGRICULTURAL UNIMPROVED: Both qualitative measures are within the acceptable ranges in the agricultural unimproved property class in Arthur County. Assessment actions to increase subclasses of 4G1 and 4G are supported by these measures. Based on these accomplishments of the assessor it is believed that the county has uniform and proportionate assessment practices.

### VII. Analysis of Change in Statistics Due to Assessor Actions

This section compares the statistical indicators from the Preliminary Statistical Reports to the same statistical indicators from the R&O Statistical Reports. The analysis that follows explains the changes in the statistical indicators in consideration of the assessment actions taken by the county assessor.

	<b>Preliminary Statistics</b>	<b>R&amp;O Statistics</b>	Change
Number of Sales	6	6	0
Median	64.38	70.36	5.98
Wgt. Mean	67.18	73.38	6.2
Mean	68.10	74.39	6.29
COD	9.39	9.64	0.25
PRD	101.37	101.38	0.01
Min Sales Ratio	61.25	66.51	5.26
<b>Max Sales Ratio</b>	84.82	92.71	7.89

AGRICULTURAL UNIMPROVED: The above table represents the increased land values to grassland subclasses made by the assessor in 2007. 4G1 increased \$10 per acre and 4G increased \$15 which is supported by the differences shown between the Preliminary Statistics and the R&O Statistics.

# 2007 County Abstract of Assessment for Real Property, Form 45 Compared with the 2006 Certificate of Taxes Levied (CTL)

### 03 Arthur

	2006 CTL County Total	2007 Form 45 County Total	Value Difference (2007 Form 45 - 2006 CTL)	Percent Change	2007 Growth (New Construction Value)	% Change excl. Growth
1. Residential	3,394,860	3,487,360	92,500	2.72	60,570	0.94
2. Recreational	0	0	0		0	
3. Ag-Homesite Land, Ag-Res Dwellings	3,934,570	4,013,270	78,700	2	*	- 2
4. Total Residential (sum lines 1-3)	7,329,430	7,500,630	171,200	2.34	60,570	1.51
5. Commercial	4,494,720	4,495,735	1,015	0.02	0	0.02
6. Industrial	0	0	0		0	
7. Ag-Farmsite Land, Outbuildings	1,524,860	1,558,170	33,310	2.18	110,050	-5.03
8. Minerals	0	0	0		0	
9. Total Commercial (sum lines 5-8)	6,019,580	6,053,905	34,325	0.57	61,240	-0.45
10. Total Non-Agland Real Property	13,349,010	13,554,535	205,525	1.54	170,620	0.26
11. Irrigated	4,005,400	4,005,400	0	0		
12. Dryland	0	0	0			
13. Grassland	69,000,645	75,268,265	6,267,620	9.08		
14. Wasteland	41410	41,410	0	0		
15. Other Agland	0	0	0			
16. Total Agricultural Land	73,047,455	79,315,075	6,267,620	8.58		
17. Total Value of All Real Property (Locally Assessed)	86,396,465	92,869,610	6,473,145	7.49	170,620	7.29

\*Growth is not typically identified separately within a parcel between ag-residential dwellings (line 3) and ag outbuildings (line 7), so for this display, all growth from ag-residential dwellings and ag outbuildings is shown in line 7.

03 - ARTHUR COUNTY		PA&T	2007 R	&O Statistics		Base S	tat		PAGE:1 of 4		
RESIDENTIAL					Type: Qualifi					State Stat Run	
						nge: 07/01/2004 to 06/30/2	2006 Posted I	Before: 01/19	/2007		
NUMBER	of Sales	3:	10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	to 110 04	(!: Derived)
TOTAL Sa	les Price	2:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.71		(!: Derivea)
TOTAL Adj.Sa	les Price	2:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88	-	% Mean C.I.: 84.6		
TOTAL Asses			236,935			AVG.ABS.DEV.	14.00	55	% Mean C.1 04.0	/ 10 110.59	
AVG. Adj. Sa			25,260	COD:	15.22	MAX Sales Ratio:	125.90				
AVG. Asses			23,693	PRD:	104.08	MIN Sales Ratio:	69.89			Printed: 03/27/	2007 22.28.19
DATE OF SALE *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Qrtrs											
07/01/04 TO 09/30/04	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
10/01/04 TO 12/31/04											
01/01/05 TO 03/31/05	1	69.89	69.89	69.89			69.89	69.89	N/A	28,500	19,920
04/01/05 TO 06/30/05	2	83.47	83.47	83.49	10.2	99.98	74.92	92.03	N/A	25,050	20,915
07/01/05 TO 09/30/05	5	103.40	98.94	93.22	7.2	25 106.14	87.08	107.52	N/A	26,650	24,843
10/01/05 TO 12/31/05											
01/01/06 TO 03/31/06	1	118.84	118.84	118.84			118.84	118.84	N/A	4,750	5,645
04/01/06 TO 06/30/06											
Study Years											
07/01/04 TO 06/30/05	4	83.47	90.69	93.43	21.9	90 97.06	69.89	125.90	N/A	28,650	26,768
07/01/05 TO 06/30/06	б	105.14	102.26	94.10	8.3	108.67	87.08	118.84	87.08 to 118.84	23,000	21,643
Calendar Yrs											
01/01/05 TO 12/31/05	8	90.94	91.44	87.78	12.1	.1 104.17	69.89	107.52	69.89 to 107.52	26,481	23,245
ALL											
	10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
ASSESSOR LOCATION										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CC	DD PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
ARTHUR	10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
ALL											
	10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
LOCATIONS: URBAN, ST										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CC		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
1	9	103.40	98.49	96.03	14.5	102.57	69.89	125.90	74.92 to 118.84	17,955	17,242
2	1	89.84	89.84	89.84			89.84	89.84	N/A	91,000	81,750
ALL											
	10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
STATUS: IMPROVED, U										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CC		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
1	10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
ALL		0.7 50	07 50	0.2 0.0	15 0	104.00	60.00	105 00	74 00 1 110 04	05 060	00 600
	10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693

03 - ARTHUR COUNT	ГҮ			РА&Т	2007 R&	<b>&amp;O</b> Statistics		Base S	tat		PAGE:2 of 4
RESIDENTIAL					Type: Qualifie					State Stat Run	
					••	nge: 07/01/2004 to 06/30/2	2006 Posted I	Before: 01/19	/2007		
NUM	MBER of Sales	3:	10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	to 118.84	(!: Derived)
TOTAL	L Sales Price	2:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.71		( Deriveu)
TOTAL Adj	j.Sales Price	2:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88		% Mean C.I.: 84.6		
TOTAL As	ssessed Value	e:	236,935				11100		0110		
AVG. Adj.	. Sales Price	e:	25,260	COD:	15.22	MAX Sales Ratio:	125.90				
AVG. As	ssessed Value	:	23,693	PRD:	104.08	MIN Sales Ratio:	69.89			Printed: 03/27/	2007 22:28:19
PROPERTY TYPE *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
01	7	89.84	92.36	92.56	14.7	7 99.78	69.89	125.90	69.89 to 125.90	33,228	30,757
06											
07	3	107.52	109.92	108.15	4.7	9 101.64	103.40	118.84	N/A	6,666	7,210
ALL											
	10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
SCHOOL DISTRICT	*									Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
(blank)											
03-0500	10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
NonValid School											
ALL											
	10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
YEAR BUILT *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
0 OR Blank	1	92.03	92.03	92.03			92.03	92.03	N/A	25,100	23,100
Prior TO 1860											
1860 TO 1899											
1900 TO 1919	4	01 00	04 60	0.0 0.1	1 - 1	7 104 60	69.89	100 07	N/A	20 125	16 000
1920 TO 1939 1940 TO 1949	4	81.00	84.69	80.91	15.1	7 104.68	69.89	106.87	N/A	20,125	16,282
1940 TO 1949 1950 TO 1959	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
1950 TO 1959 1960 TO 1969	1	125.90	125.90	125.90			125.90	125.90	N/A N/A	10,000	45,325
1970 TO 1979	2	113.18	113.18	112.90	5.0	0 100.25	103.40	118.84	N/A N/A	5,000	5,645
1970 TO 1979 1980 TO 1989	2	89.84	89.84	89.84	5.0	0 100.23	89.84	89.84	N/A N/A	91,000	81,750
1990 TO 1989	I	09.04	09.04	09.04			09.01	09.04	1N / PA	91,000	01,750
1995 TO 1994											
2000 TO Present											
ALL											
ı	10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
	10	21.14	27.05	23.00	10.2	2 101.00	02.02	123.20	, 1, 92 CO 110, 04	23,200	20,000

03 - ARTHUR	COUNTY				PA&T	2007 R&	<b>kO</b> Statistics		Base S	tat		PAGE:3 of 4
RESIDENTIAL						Type: Qualifie					State Stat Run	
						••	nge: 07/01/2004 to 06/30/2	2006 Posted I	Before: 01/19/	/2007		
	NUMBER	of Sales	:	10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	to 118 84	(!: Derived)
	TOTAL Sa	les Price	2:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.71		(:. Deriveu)
TOT	AL Adj.Sa	les Price	:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88		% Mean C.I.: 84.6		
TO	TAL Asses	sed Value	2:	236,935			AVG.ADS.DEV.	14.00	25	• Mean C.1.• 04.0	7 00 110.55	
AVG	. Adj. Sal	les Price	2:	25,260	COD:	15.22	MAX Sales Ratio:	125.90				
	VG. Assess			23,693	PRD:	104.08	MIN Sales Ratio:	69.89			Printed: 03/27/	2007 22.28.19
SALE PRICE	*										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Low \$												
1 TO	4999	1	118.84	118.84	118.84			118.84	118.84	N/A	4,750	5,645
5000 ТО	9999	1	107.52	107.52	107.52			107.52	107.52	N/A	5,250	5,645
Total \$_												
1 TO	9999	2	113.18	113.18	112.90	5.0	0 100.25	107.52	118.84	N/A	5,000	5,645
10000 TO	29999	6	89.56	89.03	85.27	13.1	0 104.41	69.89	106.87	69.89 to 106.87	19,266	16,428
30000 TO	59999	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
60000 TO	99999	1	89.84	89.84	89.84			89.84	89.84	N/A	91,000	81,750
ALL	_											
		10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
ASSESSED VA	LUE *										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Low \$												
5000 TO	9999	2	113.18	113.18	112.90	5.0	0 100.25	107.52	118.84	N/A	5,000	5,645
Total \$_												
1 TO	9999	2	113.18	113.18	112.90	5.0	0 100.25	107.52	118.84	N/A	5,000	5,645
10000 TO	29999	б	89.56	89.03	85.27	13.1	0 104.41	69.89	106.87	69.89 to 106.87	19,266	16,428
30000 TO	59999	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
60000 TO	99999	1	89.84	89.84	89.84			89.84	89.84	N/A	91,000	81,750
ALL	_											
		10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
QUALITY											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
10		5	103.40	97.35	85.95	13.4		69.89	118.84	N/A	12,100	10,400
20		4	99.45	99.93	102.06	16.5	5 97.91	74.92	125.90	N/A	25,275	25,796
30		1	89.84	89.84	89.84			89.84	89.84	N/A	91,000	81,750
ALL	_											
		10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693
STYLE											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
100		2	113.18	113.18	112.90	5.0		107.52	118.84	N/A	5,000	5,645
101		7	92.03	97.15	96.09	13.0	9 101.10	74.92	125.90	74.92 to 125.90	30,585	29,389
104		1	69.89	69.89	69.89			69.89	69.89	N/A	28,500	19,920
ALL	_	1.0		0.0	02.00	16 0	0 104 00	<b>CO DO</b>	105 00		05 060	00 600
		10	97.72	97.63	93.80	15.2	2 104.08	69.89	125.90	74.92 to 118.84	25,260	23,693

	03 - ARTHUR COUNTY RESIDENTIAL						&O Statistics	Base S	tat	State Stat Run	PAGE:4 of 4	
RESIDENT								Before: 01/19	/2007	Shule Shul Kun		
	NUMBER of	Sales	:	10	<b>MEDIAN:</b>	98	cov:	18.56	95%	Median C.I.: 74.92	to 118.84	(!: Derived)
	TOTAL Sales	Price	:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.71		(
	TOTAL Adj.Sales	Price	:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88	95	% Mean C.I.: 84.67	7 to 110.59	
	TOTAL Assessed	Value	:	236,935								
	AVG. Adj. Sales	Price	:	25,260	COD:	15.22	MAX Sales Ratio:	125.90				
	AVG. Assessed	Value	:	23,693	PRD:	104.08	MIN Sales Ratio:	69.89			Printed: 03/27/	2007 22:28:19
CONDITIO	DN										Avg. Adj.	Avg.
RANGE	C	OUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
20		1	87.08	87.08	87.08			87.08	87.08	N/A	12,000	10,450
25		2	112.86	112.86	109.75	5.3	102.83	106.87	118.84	N/A	9,875	10,837
30		7	92.03	94.79	92.74	15.8	6 102.21	69.89	125.90	69.89 to 125.90	31,550	29,258
ALL_												
		10	97.72	97.63	93.80	15.2	104.08	69.89	125.90	74.92 to 118.84	25,260	23,693

03 - ARTHUR COUNTY		[		PA&T	2007 R&	<b>&amp;O</b> Statistics		Base S	tat	_	PAGE:1 of 3
COMMERCIAL					Type: Qualifie					State Stat Run	
						nge: 07/01/2003 to 06/30/2	2006 Posted I	Before: 01/19/	/2007		
NUMBER	of Sales	:	3	<b>MEDIAN:</b>	93	COV:	24.15	95%	Median C.I.:	N/A	(!: Derived
TOTAL Sa	les Price	:	14,750	WGT. MEAN:	93	STD:		95% Wat	. Mean C.I.:	N/A	( Derrieu
TOTAL Adj.Sa	les Price	:	14,750	MEAN:	101	AVG.ABS.DEV:	15.58	-		29 to 161.17	
TOTAL Asses	sed Value	:	13,650				10.00			20 00 202.27	
AVG. Adj. Sal	les Price	:	4,916	COD:	16.77	MAX Sales Ratio:	128.00				
AVG. Assess	sed Value	:	4,550	PRD:	108.85	MIN Sales Ratio:	81.25			Printed: 03/27/	2007 22:28:25
DATE OF SALE *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Qrtrs											
07/01/03 TO 09/30/03	1	81.25	81.25	81.25			81.25	81.25	N/A	8,000	6,500
10/01/03 TO 12/31/03	1	92.94	92.94	92.94			92.94	92.94	N/A	4,250	3,950
01/01/04 TO 03/31/04											
04/01/04 TO 06/30/04											
07/01/04 TO 09/30/04	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
10/01/04 TO 12/31/04											
01/01/05 TO 03/31/05											
04/01/05 TO 06/30/05											
07/01/05 TO 09/30/05											
10/01/05 TO 12/31/05											
01/01/06 TO 03/31/06											
04/01/06 TO 06/30/06											
Study Years											
07/01/03 TO 06/30/04	2	87.10	87.10	85.31	6.7	1 102.10	81.25	92.94	N/A	6,125	5,225
07/01/04 TO 06/30/05	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
07/01/05 TO 06/30/06											
Calendar Yrs											
01/01/04 TO 12/31/04	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
01/01/05 TO 12/31/05											
ALL											
	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ASSESSOR LOCATION										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
ARTHUR	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL											
	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
LOCATIONS: URBAN, SU	UBURBAN	& RURAL								Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
1	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL											
	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550

03 - ARTHUR COUNTY				PA&T 2007 R&O Statistics Base Stat									
COMMERCIAL			L			Type: Qualifie					State Stat Run		
							u 1	006 Posted I	Before: 01/19	/2007			
	NTIMDED	of Sales	. •	3	<b>MEDIAN:</b>	93	-						
	TOTAL Sa			14,750	WGT. MEAN:	<b>93</b> 93	COV:	24.15		Median C.I.:	N/A	(!: Derived)	
тот	AL Adj.Sa			14,750	MEAN:	101	STD:	24.33		. Mean C.I.:	N/A		
	TAL Asses			13,650	HEAN .	101	AVG.ABS.DEV:	15.58	95	% Mean C.I.: 40	.29 to 161.17		
	. Adj. Sa			4,916	COD:	16.77	MAX Sales Ratio:	128.00					
	VG. Asses			4,550	PRD:	108.85	MIN Sales Ratio:	81.25			Printed: 03/27/	2007 22.28.26	
STATUS: IMP											Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I		Assd Val	
1		2	87.10	87.10	85.31	6.71		81.25	92.94	N/A	6,125	5,225	
2		1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200	
ALL	_												
		3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550	
SCHOOL DIST	RICT *										Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I	. Sale Price	Assd Val	
(blank)													
03-0500		3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550	
NonValid Scho	ool												
ALL	_												
		3	92.94	100.73	92.54	16.75	7 108.85	81.25	128.00	N/A	4,916	4,550	
YEAR BUILT	*										Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I		Assd Val	
0 OR Blank		1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200	
Prior TO 1860													
1860 TO 1899													
1900 ТО 1919 1920 ТО 1939		2	87.10	87.10	85.31	6.71	1 102.10	81.25	92.94	N/A	6,125	5,225	
1920 TO 1933		2	07.10	87.10	05.51	0.71	1 102.10	01.25	92.94	N/A	0,125	5,225	
1950 TO 1959													
1960 TO 1969													
1970 TO 1979													
1980 TO 1989													
1990 TO 1994													
1995 TO 1999	9												
2000 TO Pres	sent												
ALL	_												
		3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550	
SALE PRICE	*										Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I	. Sale Price	Assd Val	
Low \$													
1 TO	4999	2	110.47	110.47	105.93	15.87	7 104.29	92.94	128.00	N/A	3,375	3,575	
5000 TO	9999	1	81.25	81.25	81.25			81.25	81.25	N/A	8,000	6,500	
Total \$_													
1 TO	9999	3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550	
ALL	_			100	00			01 07	100.00	/-			
		3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550	

03 - ARTHUR COUNTY				PA&T	2007 R&	<b>&amp;O</b> Statistics		Base S	tat		PAGE:3 of 3		
COMMERCIAL			•			Type: Qualifi					State Stat Run		
						Date Ra	nge: 07/01/2003 to 06/30/2	2006 Posted I	Before: 01/19	/2007			
	NUMBER	of Sales	3:	3	<b>MEDIAN:</b>	93	COV:	24.15	95%	Median C.I.:	N/A	(!: Derived)	
	TOTAL Sa	les Price	e:	14,750	WGT. MEAN:	93	STD:		95% Wgt	. Mean C.I.:	N/A	(112011104)	
TOT	TAL Adj.Sa	les Price	e:	14,750	MEAN:	101	AVG.ABS.DEV:	15.58	95	% Mean C.I.: 40	.29 to 161.17		
TC	)TAL Asses	sed Value	:	13,650									
AVC	3. Adj. Sa	les Price	:	4,916	COD:	16.77	MAX Sales Ratio:	128.00					
1	AVG. Assess	sed Value	e:	4,550	PRD:	108.85	MIN Sales Ratio:	81.25			Printed: 03/27/	3/27/2007 22:28:26	
ASSESSED VA	ALUE *								Avg. Adj.	Avg.			
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	DD PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val	
Low \$_													
1 TO	4999	2	110.47	110.47	105.93	15.8	104.29	92.94	128.00	N/A	3,375	3,575	
5000 TO	9999	1	81.25	81.25	81.25			81.25	81.25	N/A	8,000	6,500	
Total \$													
1 TO	9999	3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916	4,550	
ALL													
		3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916	4,550	
COST RANK											Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	DD PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val	
(blank)		1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200	
10		2	87.10	87.10	85.31	6.7	102.10	81.25	92.94	N/A	6,125	5,225	
ALL	_												
		3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916	4,550	
OCCUPANCY (	CODE										Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.		Assd Val	
(blank)		3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916	4,550	
ALL				100 50	00 54	16 8	100.05	01 05	100.00		4 01 6	4 550	
PROPERTY TY		3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916 Avg. Adj.	4,550 Avg.	
-	CPE ~	001777	MEDIAN							050 Malia G.T.		Avg. Assd Val	
RANGE 02		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	DD PRD	MIN	MAX	95% Median C.I.	Sale Filce	ASSU VAL	
02		3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916	4,550	
03		3	92.94	100.73	92.54	10./	100.05	01.20	120.00	N/A	4,910	4,550	
04 ALL													
Ациц		3	92.94	100.73	92.54	16.7	108.85	81.25	128.00	N/A	4,916	4,550	
		3	24.94	100.75	52.54	10.7	100.05	01.20	120.00	IN / A	4,910	4,550	

03 - ARTHU	UR COUNTY				PA&T 2007 R&O Statistics Base Stat								
	RAL UNIMPRO	VED				Type: Qualifie					State Stat Run		
							ea nge: 07/01/2003 to 06/30/20	06 Doctod I	Before: 01/19/	2007			
							iige. 07/01/2005 to 00/50/20	oo Tosteu I					
(A. T. 1)		of Sales		6	<b>MEDIAN:</b>	70	COV:	13.36	95% 1	Median C.I.: 66	.51 to 92.71		
(AgLand)	TOTAL Sal			,412,768	WGT. MEAN:	73	STD:	9.94	95% Wgt	. Mean C.I.: 62	.42 to 84.34		
ίζου γ	IOTAL Adj.Sal			,412,768	MEAN:	74	AVG.ABS.DEV:	6.78	95	% Mean C.I.: 6	3.96 to 84.82		
	TOTAL Assess			,036,680									
P	AVG. Adj. Sal			235,461	COD:	9.64	MAX Sales Ratio:	92.71					
	AVG. Assess	sed Value	:	172,780	PRD:	101.38	MIN Sales Ratio:	66.51				2007 22:28:41	
DATE OF S	SALE *										Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I	. Sale Price	Assd Val	
Qrtrs													
07/01/03 T	0 09/30/03												
	0 12/31/03												
01/01/04 T	0 03/31/04												
04/01/04 T	0 06/30/04												
	0 09/30/04	2	67.33	67.33	67.82	1.2	1 99.27	66.51	68.14	N/A	148,884	100,975	
10/01/04 T	0 12/31/04												
01/01/05 T	0 03/31/05												
04/01/05 T	0 06/30/05	3	72.53	77.81	74.38	11.2	7 104.61	68.18	92.71	N/A	325,333	241,976	
07/01/05 T	0 09/30/05												
10/01/05 T	0 12/31/05												
01/01/06 T	0 03/31/06												
04/01/06 T	0 06/30/06	1	78.27	78.27	78.27			78.27	78.27	N/A	139,000	108,800	
Study	Years												
07/01/03 T	0 06/30/04												
07/01/04 T	0 06/30/05	5	68.18	73.61	72.85	8.9	7 101.06	66.51	92.71	N/A	254,753	185,576	
07/01/05 T	06/30/06	1	78.27	78.27	78.27			78.27	78.27	N/A	139,000	108,800	
Calen	ndar Yrs												
01/01/04 T	0 12/31/04	2	67.33	67.33	67.82	1.2	1 99.27	66.51	68.14	N/A	148,884	100,975	
01/01/05 T	0 12/31/05	3	72.53	77.81	74.38	11.2	7 104.61	68.18	92.71	N/A	325,333	241,976	
ALL													
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.7	1 235,461	172,780	
GEO CODE	/ TOWNSHIP	#									Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I	. Sale Price	Assd Val	
1995		1	92.71	92.71	92.71			92.71	92.71	N/A	220,000	203,970	
2195		1	66.51	66.51	66.51			66.51	66.51	N/A	57,768	38,420	
2197		1	68.14	68.14	68.14			68.14	68.14	N/A	240,000	163,530	
2275		1	68.18	68.18	68.18			68.18	68.18	N/A	606,000	413,160	
2277		2	75.40	75.40	75.29	3.8	1 100.14	72.53	78.27	N/A	144,500	108,800	
ALL													
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.7	1 235,461	172,780	
AREA (MAR	RKET)										Avg. Adj.	Avg.	
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I	. Sale Price	Assd Val	
1		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.7	1 235,461	172,780	
ALL													
		б	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.7	1 235,461	172,780	

03 - ART	HUR COUNTY	<u>.</u>			РА&Т	2007 R&	&O Statistics		Base S	tat		PAGE:2 of 3
AGRICULT	URAL UNIMP	ROVED				Type: Qualifie					State Stat Run	
							nge: 07/01/2003 to 06/30/20	006 Posted I	Before: 01/19/	/2007		
	NUMB	ER of Sales	:	6	<b>MEDIAN:</b>	70	0					
(AgLand)		Sales Price		1,412,768	WGT. MEAN:	70	COV:	13.36		Median C.I.: 66.5		
(AgLand)		Sales Price		1,412,768	MEAN:	74	STD:	9.94		. Mean C.I.: 62.4		
(AgLand)	-	essed Value		1,036,680	MEAN.	71	AVG.ABS.DEV:	6.78	95	% Mean C.I.: 63.	96 to 84.82	
(rightana)		Sales Price		235,461	COD:	9.64	MAX Sales Ratio:	92.71				
	5	essed Value		172,780	PRD:	101.38	MIN Sales Ratio:	66.51			Printed: 03/27/	2007 22.20.41
STATIIS .		UNIMPROVE			T KD .	101.50	MIN BAICS RACIO.	00.51			Avg. Adj.	2007 22:28:41 Avg.
RANGE	IMPROVED,	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
2		6	70.36	74.39	73.38	9.6		66.51	92.71	66.51 to 92.71	235,461	172,780
ALL		0	70.30	/4.59	13.30	9.0	101.30	00.51	92.71	00.51 10 92.71	235,401	1/2,/00
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
SCHOOT. T	DISTRICT *	0	70.30	/1.55	75.50	9.0	1 101.30	00.51	JZ./1	00.51 00 52.71	Avg. Adj.	Avq.
RANGE	JIDIRICI	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
(blank)		COONT	MEDIAN	MERIN	WOI. MEAN	60		1-1 ± 1 v	1-17-17	Jos Median C.I.		
03-0500		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
NonValid	School	0	/0100	, 1.02	, , , , , , , , , , , , , , , , , , , ,	5.0	1 101100	00.01	20072	00.01 00 911/1	200,101	1,1,1,100
ALL												
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
ACRES IN	N SALE										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
180.01 1	TO 330.00	1	66.51	66.51	66.51			66.51	66.51	N/A	57,768	38,420
330.01 1	TO 650.00	2	75.40	75.40	75.29	3.8	1 100.14	72.53	78.27	N/A	144,500	108,800
650.01 -	+	3	68.18	76.34	73.23	12.0	1 104.25	68.14	92.71	N/A	355,333	260,220
ALL_												
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
MAJORITY	Y LAND USE	> 95%									Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
GRASS		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
ALL_												
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
MAJORITY	Y LAND USE	> 80%									Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
GRASS		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
ALL_												
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
	Y LAND USE										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
GRASS		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
ALL_												
		6	70.36	74.39	73.38	9.6	4 101.38	66.51	92.71	66.51 to 92.71	235,461	172,780

03 - ART	HUR COUNTY				PA&T	2007 R&	&O \$	Statistics		Base S	tat		PAGE:3 of 3
AGRICULT	URAL UNIME	ROVED				Type: Qualifi						State Stat Run	
								/01/2003 to 06/30/20	06 Posted I	Before: 01/19/	2007		
	NUMB	ER of Sales	3:	6	<b>MEDIAN:</b>	70		cov:	13.36	95% 1	Median C.I.: 66.51	to 92 71	
(AgLand)	TOTAL	Sales Price	e: 1	1,412,768	WGT. MEAN:	73		STD:	9.94		. Mean C.I.: 62.42		
(AgLand)	TOTAL Adj.	Sales Price	:	1,412,768	MEAN:	74		AVG.ABS.DEV:	6.78			96 to 84.82	
(AgLand)	TOTAL Ass	essed Value	e: 1	1,036,680					01/0			0 00 01102	
	AVG. Adj.	Sales Price	2:	235,461	COD:	9.64	MAX	Sales Ratio:	92.71				
	AVG. Ass	essed Value	2:	172,780	PRD:	101.38	MIN	Sales Ratio:	66.51			Printed: 03/27/.	2007 22:28:41
SALE PRI	ICE *											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	DD	PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Lov	w\$												
Tota	al \$												
30000 1	TO 5999	9 1	66.51	66.51	66.51				66.51	66.51	N/A	57,768	38,420
100000 7	TO 14999	9 1	78.27	78.27	78.27				78.27	78.27	N/A	139,000	108,800
150000 7	ro 24999	3	72.53	77.79	78.08	11.2	29	99.63	68.14	92.71	N/A	203,333	158,766
500000 +	+	1	68.18	68.18	68.18				68.18	68.18	N/A	606,000	413,160
ALL_													
		6	70.36	74.39	73.38	9.6	54	101.38	66.51	92.71	66.51 to 92.71	235,461	172,780
	O VALUE *											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	DD	PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
	w \$												
Tota				66 51	66 51				66 51	66 51	27 / 2		20,400
30000 1			66.51	66.51	66.51	2	. 1	100 14	66.51	66.51	N/A	57,768	38,420
100000 7			75.40	75.40	75.29	3.8		100.14	72.53	78.27	N/A	144,500	108,800
150000 7			80.43	80.43	79.89	15.2	28	100.67	68.14	92.71	N/A	230,000	183,750
250000 1		9 1	68.18	68.18	68.18				68.18	68.18	N/A	606,000	413,160
ALL_		6	70.36	74.39	73.38	9.6	54	101.38	66.51	92.71	66.51 to 92.71	235,461	172,780

03 - ARTHUR COUNTY				PA&T 200	7 Prelin	ninary Statistic	2	Base S	tat		PAGE:1 of
RESIDENTIAL					Type: Qualifie	v	.0			State Stat Run	
						nge: 07/01/2004 to 06/30/2	2006 Posted	Before: 01/19	/2007		
NUMBER	of Sales	3:	10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	+ 0 110 01	(I. Darina
TOTAL Sal	es Price	2:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.68		(!: Derived
TOTAL Adj.Sal	es Price	2:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88		% Mean C.I.: 84.6		
TOTAL Assess	ed Value	2:	236,885			AVG.ABS.DEV.	14.00	20	• Mean C.1.• 04.0	0 10 110.58	
AVG. Adj. Sal	es Price	2:	25,260	COD:	15.23	MAX Sales Ratio:	125.90				
AVG. Assess			23,688	PRD:	104.10	MIN Sales Ratio:	69.89			Printed: 02/17/	2007 12.54.1
DATE OF SALE *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Qrtrs											
07/01/04 TO 09/30/04	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
10/01/04 TO 12/31/04											
01/01/05 TO 03/31/05	1	69.89	69.89	69.89			69.89	69.89	N/A	28,500	19,920
04/01/05 TO 06/30/05	2	83.47	83.47	83.49	10.2	5 99.98	74.92	92.03	N/A	25,050	20,91
07/01/05 TO 09/30/05	5	103.40	98.93	93.18	7.2	6 106.17	87.08	107.52	N/A	26,650	24,83
10/01/05 TO 12/31/05											
01/01/06 TO 03/31/06	1	118.84	118.84	118.84			118.84	118.84	N/A	4,750	5,64
04/01/06 TO 06/30/06											
Study Years											
07/01/04 TO 06/30/05	4	83.47	90.69	93.43	21.9	0 97.06	69.89	125.90	N/A	28,650	26,768
07/01/05 TO 06/30/06	6	105.14	102.25	94.07	8.4	0 108.70	87.08	118.84	87.08 to 118.84	23,000	21,63
Calendar Yrs											
01/01/05 TO 12/31/05	8	90.91	91.44	87.76	12.1	2 104.19	69.89	107.52	69.89 to 107.52	26,481	23,23
ALL											
	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
ASSESSOR LOCATION										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
ARTHUR	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
ALL											
	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
LOCATIONS: URBAN, SU					~~					Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
1	9	103.40	98.49	96.03	14.5	3 102.57	69.89	125.90	74.92 to 118.84	17,955	17,24
2	1	89.78	89.78	89.78			89.78	89.78	N/A	91,000	81,700
ALL	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,68
STATUS: IMPROVED, UN				23.10	10.2	2 101.10	02.02	120.20	,1.72 CO 110.04	Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
1	10	97.72	97.62	93.78	15.2		69.89	125.90	74.92 to 118.84	25,260	23,688
ALL	70	21.14	27.02	23.10	10.2	5 101.10		123.20	, 1, 92 CO 110, 04	23,200	25,000
	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688

03 - ARTHUR COUNTY				PA&T 200	7 Prelin	ninary Statistic	cs	Base S	tat		PAGE:2 of 4
RESIDENTIAL					Type: Qualifie					State Stat Run	
					Date Rar	ge: 07/01/2004 to 06/30/2	2006 Posted I	Before: 01/19/	/2007		
NUMBE	R of Sales	:	10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	to 118.84	(!: Derived)
TOTAL S	ales Price	:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.68		( Derrica)
TOTAL Adj.S	ales Price	:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88	95	% Mean C.I.: 84.6	6 to 110.58	
TOTAL Asse	ssed Value	:	236,885								
AVG. Adj. S	ales Price	:	25,260	COD:	15.23	MAX Sales Ratio:	125.90				
AVG. Asse	ssed Value	:	23,688	PRD:	104.10	MIN Sales Ratio:	69.89			Printed: 02/17/	2007 12:54:11
PROPERTY TYPE *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
01	7	89.78	92.35	92.54	14.7	8 99.79	69.89	125.90	69.89 to 125.90	33,228	30,750
06											
07	3	107.52	109.92	108.15	4.7	9 101.64	103.40	118.84	N/A	6,666	7,210
ALL											
	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
SCHOOL DISTRICT *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
(blank)											
03-0500	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
NonValid School											
ALL											
	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
YEAR BUILT *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
0 OR Blank	1	92.03	92.03	92.03			92.03	92.03	N/A	25,100	23,100
Prior TO 1860											
1860 TO 1899											
1900 TO 1919											
1920 TO 1939	4	81.00	84.69	80.91	15.1	7 104.68	69.89	106.87	N/A	20,125	16,282
1940 TO 1949											
1950 TO 1959	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
1960 TO 1969	1	103.40	103.40	103.40	_		103.40	103.40	N/A	10,000	10,340
1970 TO 1979	2	113.18	113.18	112.90	5.0	0 100.25	107.52	118.84	N/A	5,000	5,645
1980 TO 1989	1	89.78	89.78	89.78			89.78	89.78	N/A	91,000	81,700
1990 TO 1994											
1995 TO 1999											
2000 TO Present											
ALL			0.0	0.0 50	15 0	104.10	60.00	105 00		05 050	00.000
	10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688

03 - ARTHUR	COUNTY				PA&T 200	7 Prelin	ninary Statistic	rs	Base S	tat		PAGE:3 of 4
RESIDENTIAL						Type: Qualifie		-0			State Stat Run	
							nge: 07/01/2004 to 06/30/2	2006 Posted I	Before: 01/19/	/2007		
	NUMBER	of Sales	:	10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	to 118 84	(!: Derived)
	TOTAL Sa	les Price	2:	252,600	WGT. MEAN:	94	STD:	18.12		. Mean C.I.: 79.68		(:. Deriveu)
TOT	TAL Adj.Sa	les Price	:	252,600	MEAN:	98	AVG.ABS.DEV:	14.88		% Mean C.I.: 84.6		
TC	TAL Asses	sed Value	2:	236,885			AVG.ADS.DEV.	14.00	23	6 Mean C.1. 04.0	0 00 110.50	
	G. Adj. Sa			25,260	COD:	15.23	MAX Sales Ratio:	125.90				
	AVG. Asses			23,688	PRD:	104.10	MIN Sales Ratio:	69.89			Printed: 02/17/	2007 12.51.11
SALE PRICE				-,							Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Low \$_		000111								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1 TO	4999	1	118.84	118.84	118.84			118.84	118.84	N/A	4,750	5,645
5000 TO	9999	1	107.52	107.52	107.52			107.52	107.52	N/A	5,250	5,645
Total \$										,	-,	-,
1 TO	9999	2	113.18	113.18	112.90	5.00	0 100.25	107.52	118.84	N/A	5,000	5,645
10000 TO	29999	6	89.56	89.03	85.27	13.10		69.89	106.87	69.89 to 106.87	19,266	16,428
30000 TO	59999	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
60000 TO	99999	1	89.78	89.78	89.78			89.78	89.78	N/A	91,000	81,700
ALL												
		10	97.72	97.62	93.78	15.23	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
ASSESSED VA	ALUE *										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Low \$_												
5000 ТО	9999	2	113.18	113.18	112.90	5.00	0 100.25	107.52	118.84	N/A	5,000	5,645
Total \$												
1 TO	9999	2	113.18	113.18	112.90	5.00	0 100.25	107.52	118.84	N/A	5,000	5,645
10000 TO	29999	6	89.56	89.03	85.27	13.10	0 104.41	69.89	106.87	69.89 to 106.87	19,266	16,428
30000 TO	59999	1	125.90	125.90	125.90			125.90	125.90	N/A	36,000	45,325
60000 TO	99999	1	89.78	89.78	89.78			89.78	89.78	N/A	91,000	81,700
ALL	_											
		10	97.72	97.62	93.78	15.23	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
QUALITY											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
10		5	103.40	97.35	85.95	13.42	2 113.26	69.89	118.84	N/A	12,100	10,400
20		4	99.45	99.93	102.06	16.5	5 97.91	74.92	125.90	N/A	25,275	25,796
30		1	89.78	89.78	89.78			89.78	89.78	N/A	91,000	81,700
ALL	_											
		10	97.72	97.62	93.78	15.23	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688
STYLE											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
100		2	113.18	113.18	112.90	5.00	0 100.25	107.52	118.84	N/A	5,000	5,645
101		7	92.03	97.14	96.06	13.10	0 101.12	74.92	125.90	74.92 to 125.90	30,585	29,382
104		1	69.89	69.89	69.89			69.89	69.89	N/A	28,500	19,920
ALL												
		10	97.72	97.62	93.78	15.23	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688

03 - ART RESIDENT	THUR COUNTY		[			Type: Qualifi	ninary Statistic ed nge: 07/01/2004 to 06/30/2		Base S Before: 01/19		State Stat Run	PAGE:4 of 4
	NUMBER of S	Sales:		10	<b>MEDIAN:</b>	98	COV:	18.56	95%	Median C.I.: 74.92	to 118.84	(!: Derived)
	TOTAL Sales P	Price:		252,600	WGT. MEAN:	94	STD:	18.12	95% Wgt	. Mean C.I.: 79.68	to 107.88	(
	TOTAL Adj.Sales P	Price:		252,600	MEAN:	98	AVG.ABS.DEV:	14.88	95	% Mean C.I.: 84.60	6 to 110.58	
	TOTAL Assessed V	/alue:		236,885								
	AVG. Adj. Sales P	Price:		25,260	COD:	15.23	MAX Sales Ratio:	125.90				
	AVG. Assessed V	/alue:		23,688	PRD:	104.10	MIN Sales Ratio:	69.89			Printed: 02/17/	2007 12:54:11
CONDITIO	ON										Avg. Adj.	Avg.
RANGE	COU	UNT	MEDIAN	MEAN	WGT. MEAN	CC	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
20		1	87.08	87.08	87.08			87.08	87.08	N/A	12,000	10,450
25		2	112.86	112.86	109.75	5.3	0 102.83	106.87	118.84	N/A	9,875	10,837
30		7	92.03	94.78	92.71	15.8	7 102.22	69.89	125.90	69.89 to 125.90	31,550	29,251
ALL_		10	97.72	97.62	93.78	15.2	3 104.10	69.89	125.90	74.92 to 118.84	25,260	23,688

03 - ARTHUR COUNTY		[		PA&T 200	7 Prelin	ninary Statistic	cs	Base S	tat	~ ~ ~	PAGE:1 of 3
COMMERCIAL		L			Type: Qualifie					State Stat Run	
						ge: 07/01/2003 to 06/30/2	2006 Posted I	Before: 01/19/	/2007		
NUMBER	of Sales	:	3	<b>MEDIAN:</b>	93	cov:	24.15	95%	Median C.I.:	N/A	(!: Derived
TOTAL Sa	les Price	:	14,750	WGT. MEAN:	93	STD:	24.33		. Mean C.I.:	N/A	(:. Deriveu
TOTAL Adj.Sal	les Price	:	14,750	MEAN:	101	AVG.ABS.DEV:	15.58	-		29 to 161.17	
TOTAL Assess	sed Value	:	13,650			AVG.ADS.DEV.	15.50	23	• Mean C.1.• 40.	29 00 101.17	
AVG. Adj. Sal	les Price	:	4,916	COD:	16.77	MAX Sales Ratio:	128.00				
AVG. Assess	sed Value	:	4,550	PRD:	108.85	MIN Sales Ratio:	81.25			Printed: 02/17/	2007 12.54.1
DATE OF SALE *			-							Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.		Assd Val
Qrtrs											
07/01/03 TO 09/30/03	1	81.25	81.25	81.25			81.25	81.25	N/A	8,000	6,500
10/01/03 TO 12/31/03	1	92.94	92.94	92.94			92.94	92.94	N/A	4,250	3,950
01/01/04 TO 03/31/04											
04/01/04 TO 06/30/04											
07/01/04 TO 09/30/04	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
10/01/04 TO 12/31/04										,	-,
01/01/05 TO 03/31/05											
04/01/05 TO 06/30/05											
07/01/05 TO 09/30/05											
10/01/05 TO 12/31/05											
01/01/06 TO 03/31/06											
04/01/06 TO 06/30/06											
Study Years											
07/01/03 TO 06/30/04	2	87.10	87.10	85.31	6.7	1 102.10	81.25	92.94	N/A	6,125	5,225
07/01/04 TO 06/30/05	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
07/01/05 TO 06/30/06											
Calendar Yrs											
01/01/04 TO 12/31/04	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
01/01/05 TO 12/31/05											
ALL											
	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ASSESSOR LOCATION										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
ARTHUR	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL											
	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
LOCATIONS: URBAN, ST	UBURBAN	& RURAL								Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
1	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL											
	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550

03 - ARTHUR COUNT	Y			PA&T 200	)7 Prelim	ninary Statistic	S	Base S	tat	~ ~ -	PAGE:2 of 3
COMMERCIAL		_			Type: Qualified					State Stat Run	
					••	ge: 07/01/2003 to 06/30/2	006 Posted I	Before: 01/19/	/2007		
NUM	BER of Sales	:	3	<b>MEDIAN:</b>	93	COV:	24.15	95%	Median C.I.:	N/A	(!: Derived)
TOTAL	Sales Price	:	14,750	WGT. MEAN:	93	STD:	24.33		. Mean C.I.:	N/A	( Derivea)
TOTAL Adj	.Sales Price	:	14,750	MEAN:	101	AVG.ABS.DEV:	15.58			0.29 to 161.17	
TOTAL Ass	sessed Value	2:	13,650				10.00			0129 00 10111,	
AVG. Adj.	Sales Price	2:	4,916	COD:	16.77	MAX Sales Ratio:	128.00				
AVG. Ass	sessed Value	2:	4,550	PRD:	108.85	MIN Sales Ratio:	81.25			Printed: 02/17/	2007 12:54:13
STATUS: IMPROVED,	UNIMPROVE	D & IOLL	1							Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.	I. Sale Price	Assd Val
1	2	87.10	87.10	85.31	6.71	l 102.10	81.25	92.94	N/A	6,125	5,225
2	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
ALL											
	3	92.94	100.73	92.54	16.77	108.85	81.25	128.00	N/A	4,916	4,550
SCHOOL DISTRICT *	r									Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.	I. Sale Price	Assd Val
(blank)											
03-0500	3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550
NonValid School											
ALL											
	3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550
YEAR BUILT *										Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.	I. Sale Price	Assd Val
0 OR Blank	1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
Prior TO 1860											
1860 TO 1899											
1900 TO 1919									/-		
1920 TO 1939	2	87.10	87.10	85.31	6.71	1 102.10	81.25	92.94	N/A	6,125	5,225
1940 TO 1949											
1950 TO 1959											
1960 ТО 1969 1970 ТО 1979											
1970 TO 1979 1980 TO 1989											
1980 TO 1989 1990 TO 1994											
1990 IO 1994 1995 TO 1999											
2000 TO Present											
ALL											
	3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550
SALE PRICE *	5	,,,,,	100.75	2.51	10.77	100.05	01.25	120.00	14/11	Avg. Adj.	Avg.
RANGE	COUNT	MEDIAN	MEAN	WGT. MEAN	COI	D PRD	MIN	MAX	95% Median C.		Assd Val
Low \$					502						
1 TO 499	9 2	110.47	110.47	105.93	15.87	7 104.29	92.94	128.00	N/A	3,375	3,575
5000 TO 9999		81.25	81.25	81.25			81.25	81.25	N/A	8,000	6,500
Total \$											
1 TO 999	9 3	92.94	100.73	92.54	16.77	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL											-

03 - ARTHUR	COUNTY				PA&T 200	7 Prelin	ninary Statistic	S	Base S	tat		PAGE:3 of 3
COMMERCIAL			L			Type: Qualifie					State Stat Run	
							nge: 07/01/2003 to 06/30/2	2006 Posted l	Before: 01/19	/2007		
	NUMBER	of Sales	:	3	<b>MEDIAN:</b>	93	COV:	24.15	95%	Median C.I.:	N/A	(!: Derived)
	TOTAL Sal	les Price	:	14,750	WGT. MEAN:	93	STD:	24.33	95% Wgt	. Mean C.I.:	N/A	(,
TOT	TAL Adj.Sal	les Price	:	14,750	MEAN:	101	AVG.ABS.DEV:	15.58	95	% Mean C.I.: 40.2	9 to 161.17	
тс	OTAL Assess	sed Value	:	13,650								
AVG	3. Adj. Sal	les Price	:	4,916	COD:	16.77	MAX Sales Ratio:	128.00				
P	AVG. Assess	sed Value	:	4,550	PRD:	108.85	MIN Sales Ratio:	81.25			Printed: 02/17/	2007 12:54:13
ASSESSED VA	LUE *										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Low \$_												
1 TO	4999	2	110.47	110.47	105.93	15.8	7 104.29	92.94	128.00	N/A	3,375	3,575
5000 TO	9999	1	81.25	81.25	81.25			81.25	81.25	N/A	8,000	6,500
Total \$												
1 TO	9999	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL	_											
		3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
COST RANK											Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
(blank)		1	128.00	128.00	128.00			128.00	128.00	N/A	2,500	3,200
10		2	87.10	87.10	85.31	6.7	1 102.10	81.25	92.94	N/A	6,125	5,225
ALL	_											
		3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
OCCUPANCY C	ODE										Avg. Adj. Sale Price	Avg. Assd Val
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.		
(blank)		3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
ALL	_		00.04	100 53	00 54	16 8	100.05	01 05	100 00	27.42	4 010	4 550
PROPERTY TY		3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916 Avg. Adj.	4,550 Avg.
-	PE ^	COUNT	MEDIAN	NT 7 N				MIN	147.37	95% Median C.I.	Sale Price	Avg. Assd Val
RANGE 02		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	956 Median C.I.	Date Fille	ASSU VAL
02		3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
03		3	92.94	100./3	92.54	10./	1 100.05	01.20	120.00	IN / A	4,910	4,550
04 ALL												
АЦЦ	_	3	92.94	100.73	92.54	16.7	7 108.85	81.25	128.00	N/A	4,916	4,550
		3	92.94	100./3	92.54	10./	/ 100.05	01.20	120.00	IN / A	4,910	4,350

03 - AR'	THUR COUNTY				DA 8-T 200	7 Drolin	ninom Statistic	a	Base S	tat		PAGE:1 of 3
	URAL UNIMPRO	VED					ninary Statistic	5			State Stat Run	
AGRICOI.	IORAH UNIMPRO					Type: Qualifie		06 D. 4. J	D-6 01/10	2007	State Stat Itan	
							nge: 07/01/2003 to 06/30/20	Joo Posted I	selore: 01/19/	2007		
(1 <b>-</b> 1)		of Sales		6	<b>MEDIAN:</b>	64	COV:	13.20	95% 1	Median C.I.: (	61.25 to 84.82	
(AgLand)		les Price		1,412,768	WGT. MEAN:	67	STD:	8.99	95% Wgt	. Mean C.I.: 9	57.23 to 77.13	
(AgLand)	TOTAL Adj.Sal			1,412,768	MEAN:	68	AVG.ABS.DEV:	6.05	95	% Mean C.I.:	58.67 to 77.54	
(AgLand)	TOTAL Assess			949,105								
	AVG. Adj. Sal			235,461	COD:	9.39	MAX Sales Ratio:	84.82				
	AVG. Assess	sed Value	:	158,184	PRD:	101.37	MIN Sales Ratio:	61.25				/2007 16:51:44
DATE OF	SALE *										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C	.I. Sale Price	Assd Val
	rs											
	TO 09/30/03											
	TO 12/31/03											
	TO 03/31/04											
	TO 06/30/04											
	TO 09/30/04	2	61.84	61.84	62.19	0.9	5 99.43	61.25	62.42	N/A	148,884	92,592
	TO 12/31/04											
	TO 03/31/05											
	TO 06/30/05	3	66.26	71.19	68.11	11.2	3 104.53	62.50	84.82	N/A	325,333	221,573
	TO 09/30/05											
	TO 12/31/05											
	TO 03/31/06											
	TO 06/30/06	1	71.37	71.37	71.37			71.37	71.37	N/A	139,000	99,200
	dy Years											
	TO 06/30/04											
	TO 06/30/05	5	62.50	67.45	66.72	8.7	7 101.09	61.25	84.82	N/A	254,753	169,981
	TO 06/30/06	1	71.37	71.37	71.37			71.37	71.37	N/A	139,000	99,200
	endar Yrs									/-		
	TO 12/31/04	2	61.84	61.84	62.19	0.9		61.25	62.42	N/A	148,884	92,592
	TO 12/31/05	3	66.26	71.19	68.11	11.2	3 104.53	62.50	84.82	N/A	325,333	221,573
ALI	·		64.00	<b>CO</b> 10	68.10		0 101 25	61 05		61 05 1 04	0.0 0.05 4.61	150 104
	- /	6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84		158,184
GEO COD	E / TOWNSHIP									0.50 10 11 0	Avg. Adj.	Avg. Assd Val
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	D PRD	MIN	MAX	95% Median C		
1995		1	84.82	84.82	84.82			84.82	84.82	N/A	220,000	186,610
2195		1	61.25	61.25	61.25			61.25	61.25	N/A	57,768	35,385
2197		1	62.42	62.42	62.42			62.42	62.42	N/A	240,000	149,800
2275		1	62.50	62.50	62.50		1 100 14	62.50	62.50	N/A	606,000	378,720
2277		2	68.82	68.82	68.72	3.7	1 100.14	66.26	71.37	N/A	144,500	99,295
ALI			CA 20	CO 10	CP 10	0.0	0 101 25	C1 05	04.00			150 104
AREA (M	אסע <i>פי</i> ד (	6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84	.82 235,461 Avg. Adj.	158,184
RANGE	ARREI J	COUNT	MEDIAN	ME 7 M		00	חפת ח	MTN	MAV	OF& Modian O		Avg. Assd Val
		COUNT	MEDIAN	MEAN	WGT. MEAN	CO.		MIN	MAX	95% Median C		
1		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84	.82 235,461	158,184
ALI	·	6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84	.82 235,461	158,184

03 - ART	HUR COUNTY				PA&T 200	7 Prelin	ninary Statistic	s	Base S	tat		PAGE:2 of 3
AGRICULT	URAL UNIMP	ROVED				Type: Qualifi	v				State Stat Run	
							nge: 07/01/2003 to 06/30/20	006 Posted I	Before: 01/19/	/2007		
	NUMBI	ER of Sales	:	6	<b>MEDIAN:</b>	64	COV:	13.20	95%	Median C.I.: 61.2	5 to 84 82	
(AgLand)	TOTAL S	Sales Price	:	1,412,768	WGT. MEAN:	67	STD:	8.99		. Mean C.I.: 57.2		
(AgLand)	TOTAL Adj.S	Sales Price	:	1,412,768	MEAN:	68	AVG.ABS.DEV:	6.05			.67 to 77.54	
(AgLand)	TOTAL Asse	essed Value	:	949,105			1100.1100.001	0.05	20	5 Hour 5.1. 50		
	AVG. Adj. S	Sales Price	:	235,461	COD:	9.39	MAX Sales Ratio:	84.82				
	AVG. Asse	essed Value	:	158,184	PRD:	101.37	MIN Sales Ratio:	61.25			Printed: 02/24/	2007 16:51:45
STATUS:	IMPROVED,	UNIMPROVE	D & IOL	Ъ							Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
2		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
ALL_												
		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
	DISTRICT *										Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO	DD PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
(blank)		<i>.</i>	64.00	60.10	68.10		101.05	61 05		C1 05 1 04 00	005 461	150 104
03-0500	Gabeel	б	64.38	68.10	67.18	9.3	101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
NonValid												
ALL_		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
ACRES IN	N SALE	0	04.30	08.10	07.18	9.5	101.37	01.25	04.02	01.25 10 84.82	Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
	TO 330.00	1	61.25	61.25	61.25			61.25	61.25	N/A	57,768	35,385
330.01		2	68.82		68.72	3.7	1 100.14	66.26	71.37	N/A	144,500	99,295
650.01 -	+	3	62.50	69.91	67.09	11.9	5 104.22	62.42	84.82	N/A	355,333	238,376
ALL_												
		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
MAJORITY	Y LAND USE	> 95%									Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
GRASS		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
ALL_												
		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
	Y LAND USE		VERT		Nom North						Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CO		MIN	MAX	95% Median C.I.	Sale Price	Assd Val
GRASS		6	64.38	68.10	67.18	9.3	101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
ALL_		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
MAJORITY	Y LAND USE		01.00	00.10	07.10	د. د	., 101.01	01.20	01.02	51.25 10 01.02	Avg. Adj.	Avg.
RANGE		COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
GRASS		6	64.38	68.10	67.18	9.3		61.25	84.82	61.25 to 84.82	235,461	158,184
ALL						- • •					,	,_01
		6	64.38	68.10	67.18	9.3	9 101.37	61.25	84.82	61.25 to 84.82	235,461	158,184

03 - ART	HUR COU	NTY				PA&T 200	7 Prelin	nina	ry Statistics	5	Base S	tat		PAGE:3 of 3
AGRICULT	URAL UN	IMPROV	VED				Type: Qualifi						State Stat Run	
							Date Ra	nge: 07	7/01/2003 to 06/30/20	06 Posted I	Before: 01/19/	2007		
	N	UMBER	of Sales	:	6	<b>MEDIAN:</b>	64		COV:	13.20	95% 1	Median C.I.: 61.25	5 to 84.82	
(AgLand)	TOT	'AL Sal	es Price	: 1	,412,768	WGT. MEAN:	67		STD:	8.99		. Mean C.I.: 57.23		
(AgLand)	TOTAL A	dj.Sal	es Price	: 1	,412,768	MEAN:	68		AVG.ABS.DEV:	6.05	95	Mean C.I.: 58.	67 to 77.54	
(AgLand)	TOTAL	Assess	ed Value	:	949,105									
	AVG. Ad	j. Sal	es Price	:	235,461	COD:	9.39	MAX	Sales Ratio:	84.82				
	AVG.	Assess	ed Value	:	158,184	PRD:	101.37	MIN	Sales Ratio:	61.25			Printed: 02/24/	2007 16:51:45
SALE PRI	ICE *												Avg. Adj.	Avg.
RANGE			COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D	PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Lov		_												
Tota		_												
30000 5	то 5	9999	1	61.25	61.25	61.25				61.25	61.25	N/A	57,768	35,385
100000 5		9999	1	71.37	71.37	71.37				71.37	71.37	N/A	139,000	99,200
150000 1		9999	3	66.26	71.17	71.44	11.2	27	99.61	62.42	84.82	N/A	203,333	145,266
500000 -			1	62.50	62.50	62.50				62.50	62.50	N/A	606,000	378,720
ALL_														
			6	64.38	68.10	67.18	9.3	39	101.37	61.25	84.82	61.25 to 84.82	235,461	158,184
ASSESSEI	D VALUE	*											Avg. Adj.	Avg.
RANGE			COUNT	MEDIAN	MEAN	WGT. MEAN	CC	D	PRD	MIN	MAX	95% Median C.I.	Sale Price	Assd Val
Lov		_												
Tota		_	1	C1 05	C1 05	C1 05				C1 05	C1 0F	<b>NT / D</b>		
30000		9999	1	61.25	61.25	61.25	2 5	, 1	100 14	61.25	61.25	N/A	57,768	35,385
60000 5		9999	2	68.82	68.82	68.72	3.7	Τ	100.14	66.26	71.37	N/A	144,500	99,295
100000 5		9999 9999	1	62.42 84.82	62.42 84.82	62.42 84.82				62.42	62.42 84.82	N/A N/A	240,000	149,800 186,610
150000 5 250000 5		99999	1	84.82 62.50	84.82 62.50	84.82 62.50				84.82 62.50	84.82 62.50	N/A N/A	220,000 606,000	378,720
250000 . ALL		シンフフ	Ŧ	02.00	02.50	02.50				02.00	02.50	IN / A	000,000	370,720
A			6	64.38	68.10	67.18	9.3	9	101.37	61.25	84.82	61.25 to 84.82	235,461	158,184

# 2007 Assessment Survey for Arthur County March 1, 2007

### I. General Information

- A. Staffing and Funding Information
- **1. Deputy(ies) on staff:** 0
- 2. Appraiser(s) on staff: 0
- 3. Other full-time employees: 0
- 4. Other part-time employees: 0
- **5. Number of shared employees:** One part-time employee is shared with the County Treasurer.
- 6. Assessor's requested budget for current fiscal year: \$6,500
- 7. Part of the budget that is dedicated to the computer system: \$3,500
- 8. Adopted budget, or granted budget if different from above:  $\ensuremath{\mathrm{N/A}}$
- 9. Amount of total budget set aside for appraisal work: \$1,250
- **10.** Amount of the total budget set aside for education/workshops: \$850
- 11. Appraisal/Reappraisal budget, if not part of the total budget: None
- 12. Other miscellaneous funds: \$900
- 13. Total budget: \$6,500
  - a. Was any of last year's budget not used? Yes, \$2,411.20
- **B. Residential Appraisal Information** (Includes Urban, Suburban and Rural Residential)
- 1. Data collection done by: The Assessor and part-time lister
- 2. Valuation done by: Assessor
- 3. Pickup work done by: The Assessor and part-time lister

Property Type	# of Permits	# Of Info. Statements	Other	Total	
Residential	4	0	0	4	

- 4. What is the date of the Replacement Cost New data (Marshall-Swift) that are used to value this property class? June/2001
- 5. What was the last year the depreciation schedule for this property class was developed using market-derived information? 2003
- 6. What was the last year that the Market or Sales Comparison Approach was used to estimate the market value of the properties in this class? The County Assessor uses a mass appraisal system which commonly does not involve enough sales to review properties with a Sales Comparison Approach.
- 7. Number of market areas/neighborhoods for this property class: 1
- 8. How are these defined? By the unincorporated village limits of Arthur
- 9. Is "Assessor Location" a usable valuation identity? Yes
- **10.** Does the assessor location "suburban" mean something other than rural residential? No
- **11.** Are the county's ag residential and rural residential improvements classified and valued in the same manner? Yes

#### C. Commercial/Industrial Appraisal Information

- 1. Data collection done by: The Assessor and part-time lister
- 2. Valuation done by: Assessor
- 3. Pickup work done by whom: The Assessor and part-time lister

Property Type	# of Permits	# Of Info. Statements	Other	Total
Commercial	0	0	0	0

4. What is the date of the Replacement Cost New data (Marshall-Swift) that are used to value this property class? 2001

- 5. When was the last time the depreciation schedule for this property class or any subclass was developed using market-derived information? 2003
- 6. When was the last time that the Income Approach was used to estimate or establish the market value of the properties in this class? The income/expense information is typically not available for very few sales in Arthur County.
- 7. When was the last time that the Market or Sales Comparison Approach was used to estimate the market value of the properties in this class? N/A
- 8. Number of market areas/neighborhoods for this property class? 1
- 9. How are these defined? The entire county is included in one market area.
- **10. Is "Assessor Location" a usable valuation identity?** Yes
- **11. Does the assessor location "suburban" mean something other than rural commercial?** No
- **D.** Agricultural Appraisal Information
- **1. Data collection done by:** The Assessor and part-time lister
- 2. Valuation done by: Assessor
- 3. Pickup work done by whom: The Assessor and part-time lister

Property Type	# of Permits	# Of Info. Statements	Other	Total	
Agricultural	0	0	0	0	

4. Does the county have a written policy or written standards to specifically define agricultural land versus rural residential acreages? No

How is your agricultural land defined? By the primary use of the property

- 5. When was the last date that the Income Approach was used to estimate or establish the market value of the properties in this class?  $N\!/\!A$
- 6. What is the date of the soil survey currently used? 1977
- 7. What date was the last countywide land use study completed? 2006
  - a. By what method? (Physical inspection, FSA maps, etc.)

FSA maps are reviewed and updated for irrigated land use, there is no dry land in Arthur County.

- b. By whom? Assessor
- c. What proportion is complete / implemented at this time? 100%
- 8. Number of market areas/neighborhoods for this property class: 1
- 9. How are these defined? The entire county is one market area by county boundaries.
- 10. Has the county implemented (or is in the process of implementing) special valuation for agricultural land within the county? No
- E. Computer, Automation Information and GIS
- **1. Administrative software:** MIPS
- 2. CAMA software: MIPS
- 3. Cadastral maps: Are they currently being used? Yes
  - a. Who maintains the Cadastral Maps? Assessor
- 4. Does the county have GIS software? No
  - a. Who maintains the GIS software and maps?  $\ensuremath{\mathrm{N/A}}$
- 4. Personal Property software: MIPS
- F. Zoning Information
- **1. Does the county have zoning?** Yes
  - a. If so, is the zoning countywide? No
  - b. What municipalities in the county are zoned? None
- **c. When was zoning implemented?** The zoning was implemented in 1999 except the unincorporated village of Arthur.
- **G.** Contracted Services
- 1. Appraisal Services: Stanard Appraisal Services are hired on a as needed basis.

### 2. Other Services: MIPS

### H. Additional comments or further explanations on any item from A through G:

### **II.** Assessment Actions

#### 2007 Assessment Actions taken to address the following property classes/subclasses:

- **1. Residential-** No overall changes were made to the residential class of property for 2007. The assessor continues to complete the pickup work in a timely manner and review statistical analyses for the equalization process in Arthur County.
- 2. Commercial- No overall changes were made to the commercial class of property for 2007. The assessor continues to complete the pickup work in a timely manner and review statistical analyses for the equalization process in Arthur County.
- **3. Agricultural-** A review of the agricultural land sales was completed by the County Assessor along with the adjoining Grant County Assessor. The market in Arthur County supported increased grassland values for the subclasses of 4G1 and 4G. The assessor increased 4G1 \$10 per subclass and 4G \$15 per subclass to keep current with the market. Farm site values were also increased for 2007 to \$170 per acre. The irrigated values and 3G grass subclasses remained the same for this current assessment year. All pickup work was timely completed by the county assessor.

	Urb	ban	SubU	rban	Rur	al	Tot	al Y	Growth
	Records	Value	Records	Value	Records	Value	Records	Value	
1. Res UnImp Land	18	46,960	2	4,855	1	1,530	21	53,345	
2. Res Improv Land	73	293,825	19	80,980	4	13,350	96	388,155	
3. Res Improvements	76	1,978,225	19	821,135	5	246,500	100	3,045,860	
4. Res Total	94	2,319,010	21	906,970	6	261,380	121	3,487,360	60,57
% of Total	77.68	66.49	17.35	26.00	4.95	7.49	11.20	3.75	35.4
_									
5. Rec UnImp Land	0	0	0	0	0	0	0	0	
6. Rec Improv Land	0	0	0	0	0	0	0	0	
7. Rec Improvements	0	0	0	0	0	0	0	0	
8. Rec Total	0	0	0	0	0	0	0	0	
% of Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Res+Rec Total	94	2,319,010	21	906,970	6	261,380	121	3,487,360	60,57
% of Total	77.68	66.49	17.35	26.00	4.95	7.49	11.20	3.75	35.4

 Total Real Property Value
 Records
 1,080
 Value
 92,869,610
 Total Growth
 170,620

 (Sum Lines 17, 25, & 30)
 (Sum 17, 25, & 41)
 170,620
 170,620
 170,620
 170,620

Schedule I:Non-Agricultural Records (Res and Rec)

Schedule 1:Non-	Agricultura	I Records ()	Com and Ind)						
	Urt Records	Value	SubU: Records	<b>rban</b> Value	Records	r <b>al</b> Value	Records	Value	Growth
9. Comm UnImp Land	10	21,000	1	3,000	0	0	11	24,000	
10. Comm Improv Land	23	70,095	3	8,870	0	0	26	78,965	
11. Comm Improvements	23	4,286,585	3	106,185	0	0	26	4,392,770	
12. Comm Total	33	4,377,680	4	118,055	0	0	37	4,495,735	(
% of Total	89.18	97.37	10.81	2.62	0.00	0.00	3.42	4.84	0.0
13. Ind UnImp Land	0	0	0	0	0	0	0	0	
14. Ind Improv Land	0	0	0	0	0	0	0	0	
15. Ind Improvements	0	0	0	0	0	0	0	0	
16. Ind Total	0	0	0	0	0	0	0	0	
% of Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Comm+Ind Total	33	4,377,680	4	118,055	0	0	37	4,495,735	
% of Total	89.18	97.37	10.81	2.62	0.00	0.00	3.42	4.84	0.0
17. Taxable Total	127	6,696,690	25	1,025,025	6	261,380	158	7,983,095	60,57
% of Total	80.37	83.88	15.82	11.36	3.79	3.27	14.62	8.59	35.4

Total Real Property Value Total Growth Records 1,080 Value 92,869,610 170,620 (Sum Lines 17, 25, & 30) (Sum 17, 25, & 41)

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# 2007 County Abstract of Assessment for Real Property, Form 45

Schedule II:Tax Increment Financing (TIF)		Urban			SubUrban			
	Records	Value Base	Value Excess	Records	Value Base	Value Excess		
18. Residential	0	0	0	0	0	0		
19. Commercial	0	0	0	0	0	0		
20. Industrial	0	0	0	0	0	0		
21. Other	0	0	0	0	0	0		

	Rural				Total		
	Records	Value Base	Value Excess	Records	Value Base	Value Excess	
18. Residential	0	0	0	0	0	0	
19. Commercial	0	0	0	0	0	0	
20. Industrial	0	0	0	0	0	0	
21. Other	0	0	0	0	0	0	
22. Total Sch II				0	0	0	

Schedule III: Mineral Interest Records	Urban		SubUrb	an	Rural	
	Records	Value	Records	Value	Records	Value
23. Mineral Interest-Producing	0	0	0	0	0	0
24. Mineral Interest-Non-Producing	0	0	0	0	0	0

	Total		Growth
	Records	Value	
23. Mineral Interest-Producing	0	0	0
24. Mineral Interest-Non-Producing	0	0	0
25. Mineral Interest Total	0	0	0

Schedule IV: Exempt Records: Non-Agricultural									
	Urban	SubUrban	Rural	Total					
	Records	Records	Records	Records					
26. Exempt	0	0	0	0					

Schedule V: Agricultural Re	ecords Urban		SubUrban		Rura	al	Tot	al
	Records	Value	Records	Value	Records	Value	Records	Value
27. Ag-Vacant Land	0	0	2	37,100	805	68,372,980	807	68,410,080
28. Ag-Improved Land	0	0	1	27,225	114	11,151,510	115	11,178,735
29. Ag-Improvements	0	0	1	46,880	114	5,250,820	115	5,297,700
30. Aq-Total Taxable							922	84,886,515

# 2007 County Abstract of Assessment for Real Property, Form 45

Schedule VI: Agricultural Records:		Urban			SubUrban		
Non-Agricultural Detail	Records	Acres	Value	Records	Acres	Value	
31. HomeSite UnImp Land	0	0.000	0	0	0.000	0	
32. HomeSite Improv Land	0	0.000	0	1	1.000	2,000	
33. HomeSite Improvements	0		0	1		43,875	
34. HomeSite Total							
35. FarmSite UnImp Land	0	0.000	0	0	0.000	0	
36. FarmSite Impr Land	0	0.000	0	1	4.000	680	
37. FarmSite Improv	0		0	1		3,005	
38. FarmSite Total							
39. Road & Ditches		0.000			1.000		
40. Other-Non Ag Use		0.000	0		0.000	0	
	Records	Rural Acres	Value	Records	Total Acres	Value	<b>Growth</b> Value
31. HomeSite UnImp Land	7	6.000	12,000	7	6.000	12,000	
32. HomeSite Improv Land	94	94.000	188,000	95	95.000	190,000	
33. HomeSite Improvements	96		3,767,395	97		3,811,270	48,810
34. HomeSite Total				104	101.000	4,013,270	
35. FarmSite UnImp Land	6	18.000	3,060	6	18.000	3,060	
36. FarmSite Impr Land	105	400.000	68,000	106	404.000	68,680	
37. FarmSite Improv	110		1,483,425	111		1,486,430	61,240
38. FarmSite Total				117	422.000	1,558,170	
39. Road & Ditches		1,940.000			1,941.000		
40. Other-Non Ag Use		0.000	0		0.000	0	
41. Total Section VI				221	2,464.000	5,571,440	110,050
Schedule VII: Agricultural Records: Ag Land Detail-Game & Parks	Records	<b>Urban</b> Acres	Value	Records	SubUrban Acres	Value	
42. Game & Parks	0	0.000	0	0	0.000	0	
	Deserde	Rural	Malua	Deserves	Total	Value	
42. Game & Parks	Records 0	Acres 0.000	Value 0	Records 0	Acres 0.000	Value 0	
Schedule VIII: Agricultural Records:		Urban			SubUrban		
Special Value	Records	Acres	Value	Records	Acres	Value	
43. Special Value	0	0.000	0	0	0.000	0	
44. Recapture Val		_	0			0	
	Records	Rural Acres	Value	Records	Total Acres	Value	
43. Special Value	0	0.000	0	0	0.000	0	
44. Recapture Val		0.000-	0			0	

# 2007 County Abstract of Assessment for Real Property, Form 45

Schedule IX: Agricultural Records: AgLand Market Area Detail				Market Area: 1					
Urban			SubUrban		Rural	Rural		Total	
Irrigated:	Acres	Value	Acres	Value	Acres	Value	Acres	Value	
45. 1A1	0.000	0	0.000	0	0.000	0	0.000	0	
46. 1A	0.000	0	0.000	0	0.000	0	0.000	0	
47. 2A1	0.000	0	0.000	0	0.000	0	0.000	0	
48. 2A	0.000	0	0.000	0	0.000	0	0.000	0	
49. 3A1	0.000	0	0.000	0	0.000	0	0.000	0	
50. 3A	0.000	0	0.000	0	2,544.000	890,400	2,544.000	890,400	
51. 4A1	0.000	0	0.000	0	2,825.000	988,750	2,825.000	988,750	
52. 4A	0.000	0	0.000	0	6,075.000	2,126,250	6,075.000	2,126,250	
53. Total	0.000	0	0.000	0	11,444.000	4,005,400	11,444.000	4,005,400	
Dryland:									
54. 1D1	0.000	0	0.000	0	0.000	0	0.000	0	
55. 1D	0.000	0	0.000	0	0.000	0	0.000	0	
56. 2D1	0.000	0	0.000	0	0.000	0	0.000	0	
57. 2D	0.000	0	0.000	0	0.000	0	0.000	0	
58. 3D1	0.000	0	0.000	0	0.000	0	0.000	0	
59. 3D	0.000	0	0.000	0	0.000	0	0.000	0	
60. 4D1	0.000	0	0.000	0	0.000	0	0.000	0	
61. 4D	0.000	0	0.000	0	0.000	0	0.000	0	
62. Total	0.000	0	0.000	0	0.000	0	0.000	0	
Grass:									
63. 1G1	0.000	0	0.000	0	0.000	0	0.000	0	
64. 1G	0.000	0	0.000	0	0.000	0	0.000	0	
65. 2G1	0.000	0	0.000	0	0.000	0	0.000	0	
66. 2G	0.000	0	0.000	0	0.000	0	0.000	0	
67. 3G1	0.000	0	0.000	0	0.000	0	0.000	0	
68. 3G	0.000	0	0.000	0	15,694.000	2,824,920	15,694.000	2,824,920	
69. 4G1	0.000	0	0.000	0	24,886.000	4,230,620	24,886.000	4,230,620	
70. 4G	0.000	0	362.630	61,645	400,888.732	68,151,080	401,251.362	68,212,725	
71. Total	0.000	0	362.630	61,645	441,468.732	75,206,620	441,831.362	75,268,265	
72. Waste	0.000	0	0.000	0	4,141.000	41,410	4,141.000	41,410	
73. Other	0.000	0	0.000	0	0.000	0	0.000	0	
74. Exempt	0.000		0.000		0.000		0.000		
75. Total	0.000	0	362.630	61,645	457,053.732	79,253,430	457,416.362	79,315,075	

# 2007 County Abstract of Assessment for Real Property, Form 45

Schedule X: Agricultural Records: AgLand Market Area Totals

	Urban		SubUrban		Rural		Total	
AgLand	Acres	Value	Acres	Value	Acres	Value	Acres	Value
76.Irrigated	0.000	0	0.000	0	11,444.000	4,005,400	11,444.000	4,005,400
77.Dry Land	0.000	0	0.000	0	0.000	0	0.000	0
78.Grass	0.000	0	362.630	61,645	441,468.732	75,206,620	441,831.362	75,268,265
79.Waste	0.000	0	0.000	0	4,141.000	41,410	4,141.000	41,410
80.Other	0.000	0	0.000	0	0.000	0	0.000	0
81.Exempt	0.000	0	0.000	0	0.000	0	0.000	0
82.Total	0.000	0	362.630	61,645	457,053.732	79,253,430	457,416.362	79,315,075

# 2007 Agricultural Land Detail

# County 3 - Arthur

County 5 - Artin					Market Area: 1
Irrigated:	Acres	% of Acres*	Value	% of Value*	Average Assessed Value*
1A1	0.000	0.00%	0	0.00%	0.000
1A	0.000	0.00%	0	0.00%	0.000
2A1	0.000	0.00%	0	0.00%	0.000
2A	0.000	0.00%	0	0.00%	0.000
3A1	0.000	0.00%	0	0.00%	0.000
3A	2,544.000	22.23%	890,400	22.23%	350.000
4A1	2,825.000	24.69%	988,750	24.69%	350.000
4A	6,075.000	53.08%	2,126,250	53.08%	350.000
Irrigated Total	11,444.000	100.00%	4,005,400	100.00%	350.000
Dry:					
1D1	0.000	0.00%	0	0.00%	0.000
1D	0.000	0.00%	0	0.00%	0.000
2D1	0.000	0.00%	0	0.00%	0.000
2D	0.000	0.00%	0	0.00%	0.000
3D1	0.000	0.00%	0	0.00%	0.000
3D	0.000	0.00%	0	0.00%	0.000
4D1	0.000	0.00%	0	0.00%	0.000
4D	0.000	0.00%	0	0.00%	0.000
Dry Total	0.000	0.00%	0	0.00%	0.000
Grass:					
1G1	0.000	0.00%	0	0.00%	0.000
1G	0.000	0.00%	0	0.00%	0.000
2G1	0.000	0.00%	0	0.00%	0.000
2G	0.000	0.00%	0	0.00%	0.000
3G1	0.000	0.00%	0	0.00%	0.000
3G	15,694.000	3.55%	2,824,920	3.75%	180.000
4G1	24,886.000	5.63%	4,230,620	5.62%	170.000
4G	401,251.362	90.82%	68,212,725	90.63%	169.999
Grass Total	441,831.362	100.00%	75,268,265	100.00%	170.355
Irrigated Total	11,444.000	2.50%	4,005,400	5.05%	350.000
Dry Total	0.000	0.00%	0	0.00%	0.000
Grass Total	441,831.362	96.59%	75,268,265	94.90%	170.355
Waste	4,141.000	0.91%	41,410	0.05%	10.000
Other	0.000	0.00%	0	0.00%	0.000
Exempt	0.000	0.00%			
Market Area Total	457,416.362	100.00%	79,315,075	100.00%	173.397
As Related to the C	County as a Whol	e			
Irrigated Total	11,444.000	100.00%	4,005,400	100.00%	
Dry Total	0.000	0.00%	0	0.00%	
Grass Total	441,831.362	100.00%	75,268,265	100.00%	
Waste	4,141.000	100.00%	41,410	100.00%	
Other	0.000	0.00%	0	0.00%	
Exempt	0.000	0.00%	v		
Market Area Total	457,416.362	100.00%	79,315,075	100.00%	
	101,110.002	10010070	10,010,010	10010070	

# 2007 Agricultural Land Detail

# County 3 - Arthur

	Urban			SubUrban			Rural		
AgLand	Acres	Value	Acro	es	Value		Acres	Value	
Irrigated	0.000	C	) 0.0	000	0	1	1,444.000	4,005,400	
Dry	0.000	C	) 0.0	000	0		0.000	0	
Grass	0.000	C	) 362.6	630	61,645	44	1,468.732	75,206,620	
Waste	0.000	C	) 0.0	000	0		4,141.000	41,410	
Other	0.000	C	) 0.0	000	0		0.000	0	
Exempt	0.000	C	) 0.0	000	0		0.000	0	
Total	0.000	C	) 362.6	630	61,645	45	7,053.732	79,253,430	
AgLand	Total Acres	Value	Acres	% of Acres*		Value	% of Value*	Average Assessed Value*	
AgLand Irrigated		<b>Value</b> 4,005,400	Acres	% of Acres* 2.50%	4,	<b>Value</b> 005,400		Assessed Value*	
_	Acres				4,		Value*	Assessed Value* 350.000	
Irrigated	Acres	4,005,400	11,444.000	2.50%		005,400	Value* 5.05%	Assessed Value* 350.000 0.000	
Irrigated Dry	Acres 11,444.000 0.000	4,005,400 0	11,444.000 0.000	2.50% 0.00%		005,400	Value* 5.05% 0.00%	Assessed Value* 350.000 0.000 170.355	
Irrigated Dry Grass	Acres 11,444.000 0.000 441,831.362	4,005,400 0 75,268,265	11,444.000 0.000 441,831.362	2.50% 0.00% 96.59%		005,400 0 268,265	Value* 5.05% 0.00% 94.90%	Assessed Value* 350.000 0.000 170.355 10.000	
Irrigated Dry Grass Waste	Acres           11,444.000           0.000           441,831.362           4,141.000	4,005,400 0 75,268,265 41,410	11,444.000 0.000 441,831.362 4,141.000	2.50% 0.00% 96.59% 0.91%		005,400 0 268,265 41,410	Value* 5.05% 0.00% 94.90% 0.05%	Assessed Value* 350.000 0.000 170.355 10.000 0.000	

\* Department of Property Assessment & Taxation Calculates

#### 2006 Plan of Assessment for Arthur County Assessment Years 2007, 2008 and 2009 June 15, 2006

#### Plan of Assessment Requirements:

Pursuant to Neb. Laws 2005, LB263, Section 9, on or before June 15 of each year, the assessor shall prepare a plan of assessment which describes the assessment actions planned for the next assessment year and two years thereafter. The assessment plan shall indicate classes or subclasses of real property that the county assessor plans to examine during the years contained in the plan of assessment. The plan shall describe all the assessment actions necessary to achieve the levels of value and quality of assessment practices required by law, and the resources necessary to complete those actions. On or before July 31 of each year, the assessor may amend the assessment plan, if necessary, after the budget is approved by the county board. A copy of the plan and any amendments thereto shall be mailed to the Department of Property Assessment and Taxation on or before October 31 each year.

#### Real Property Assessment Requirements:

All property in the State of Nebraska is subject to property tax unless expressly exempt by Nebraska Constitution, Article VIII, or is permitted by the constitution and enabling legislation adopted by the legislature. The uniform standard for the assessed value of real property for tax purposes is actual value, which is defined by law as "the market value of real property in the ordinary course of trade." Neb. Rev.Stat.77-112 (Reissue 2003).

Assessment levels required for real property are as follows:

- 1. 100% of actual value for all classes of real property excluding agricultural and horticultural land;
- 2. 80% of actual value for agricultural land and horticultural land; and 80% of special value for agricultural and horticultural land which meets the qualifications for special valuation under 77-1344 and 80% of its recapture value as defined in 77-1343 when the land is disqualified for special valuation under 77-1347.

General Description of Real Property in Arthur County

Per the 2006 County Abstract, Arthur County consists of the following real property types:

	Parcels	% of Total Parcels	% of Taxable Value Base
Residential	120	11%	4%
Commercial	37	3%	1/2%
Agricultural	921	86%	95.5%

Agricultural land - taxable acres 457,110 vacant acres Other pertinent facts: Of the 457,110 agricultural acres, only a little over 3% is irrigated.

New Property: For assessment year 2006, an estimated 5 building permits will be filed for new construction and additions. Historically, Arthur County does not have much growth.

#### Current Resources

A. The 2006-2007 budget has not been prepared. Since the time line for filing the assessment plan has changed, I do not know what the budget amount for assessing will be. The county commissioners are trying to run the county as conservative as possible. So I am assuming the budget will remain about the same as 2005-2006 which is approximately \$7000. I do all the administrative reports and valuing the properties myself. I have a CAMA software programs provided by MIPS, Inc. I hire a local person to help with the pick-up work.

B. I am required to get 60 hours of continuing education as set out in REG.71-00602A. Most of the hours are obtained at workshops and meetings. The budget allowance for the county assessor is not large enough for an IAAO Courses.

C. At this time, the county cannot afford new cadastral maps. The old ones are kept current. I don't see the county purchasing new aerials or cadastrals within the next three years.

D. New property record cards for all classes were put into use in 2004.

Current Assessment Procedures for Real Property

- A. Discover, List & Inventory: I am also county clerk. I handle the real estate transfer statements that are filed with the deeds. The ownership is changed on the cadastrals and record cards once the deed is recorded. Building permits are reviewed as well as questionnaires sent to the buyers and sellers. The questionnaires are usually not returned so I make a phone call to the buyer and seller occasionally to obtain information. Sometimes I call the real estate agent if they are involved in a sale.
- *B.* Data Collection: I sometimes make inspections of property that has sold. More often I visit with the buyer to find the condition and quality of the property they purchased.
- *C.* Review assessment sales ratio studies before assessment actions: I consistently work with the field liaison on the analysis of the assessment sales ratio studies. I review preliminary statistics to help me determine what the values should be.
- *D*. Approaches to value: The cost approach to value is the only approach that seems feasible to use in Arthur County.

Notice of value changes were sent out by the 1<sup>st</sup> of June, 2006. I try to let taxpayers know why there is a major change in value. I publish in the local paper when homestead exemption and personal property schedules are due. I follow up with a reminder by phone.

	ity, and omformit		<u>cui 2000.</u>
Property Class	Median	COD	PRD
Residential	92.00	21.48	102.61
Commercial	97.00	20.00	106.87
Agricultural Assessment Actions	76.00 Planned for Assess	18.59 ment Year 2007	106.41

reviewing lot values and acreage land values. Maintain record cards.

Level of Value, Quality, and Uniformity for assessment year 2006:

Residential: The sales will be reviewed. Inspections of properties that have sold. Review of the homes in Range 40; Townships 19 & 20 and Also Range 39; Townships 19 and 20. Do pick-up work for residential properties. Work with Stanard Appraisal Services in

Commercials: There is very little commercial properties in Arthur County. Do pick-up work for commercial properties. Maintain record cards.

Agricultural Land: Sales will be reviewed. I will review the irrigated subclass especially in 2007. I will work with surrounding counties to expand the sales base for Arthur County. Ag land will be physically inspected in Range 39 and 40; Townships 17,18,19 and 20. Do pick-up work on outbuildings on agricultural properties. Maintain record cards and cadastrals.

#### Assessment Actions Planned for Assessment Year 2008:

Residential: Sales will be reviewed and subject properties inspected. Will implement the new cost tables provided by MIPS/Co. Solutions. Make sure property record cards are updated. Review residential properties within the Village of Arthur. Also do a review for residential properties located in Range 38; Townships 17, 18, 19 and 20. Do pick-up work of residential properties. Maintain record cards. Review lot and acreage land values.

Commercial: Do the pick-up work for any commercial properties that may be constructed. Maintain record cards. Review lot values.

Agricultural Land. Review sales. Work with surrounding counties to expand sales base and try to keep values somewhat consistent with the surrounding counties. Do pick-up work on outbuildings. Inspect land in Range 38; Townships 17,18,19 and 20. Maintain record cards and cadastrals.

#### Assessment Actions Planned for Assessment Year 2009:

Residential: Sales will be reviewed and inspected. Review residential properties in Ranges 36 and 37; Townships 17, 18, 19 and 20. Maintain record cards .Complete the pick-up work with the help of a local lister.

Commercial: Do the pick-up work for any commercials that may be constructed or updated. Maintain record cards and cadastrals.

Agricultural Land: Work with the surrounding counties to expand the sales files. Look for changes in use such as from grass to irrigated. Land in Ranges 36 and 37; Townships 17, 18, 19 and 20 will be inspected. Maintain record cards and cadastrals.

Other functions performed by the assessor's office:

- 1. Record Maintenance, Mapping updates and ownership changes
- 2. Annually prepare and file the administrative reports required by law/regulation
  - a. Abstracts (Real and Personal Property)
    - b. Assessor Survey
  - c. Sales information to PA&T rosters and annual assessed value update with abstract
  - d. Certification of Value to political subdivisions
  - e. School District Taxable Value Report
  - f. Homestead Exemption Tax Loss Report
  - g. Certificate of Taxes Levied Report
  - h. Report of current values for properties owned by Board of Educational Lands and Funds
  - i. Report all Exempt Property and Taxable Government Owned Property
  - j. Annual Plan of Assessment Report
- 3. Personal Property; administer annual filing of 116 personal property schedules.
- 4. Permissive Exemptions; administer annual filings of applications for new or continued exempt use, review and make recommendations to the county board.
- 5. Taxable Government Owned Property-annual review of government owned property not used for public purpose, send notices of intent to tax, etc.
- 6. Homestead Exemptions; administer 18 annual filings of applications, approval/denial process, taxpayer notifications and taxpayer assistance.
- 7. Centrally Assessed-review of valuations as certified by PA&T for public service entities, establish assessment records and tax billing for tax list.
- 8. Tax Districts and Tax Rates-management of school district and other tax entity boundary changes necessary for correct assessment and tax information; input/review of tax rates used for tax billing process.
- 9. Tax Lists; prepare and certify tax lists to county treasurer for real property, personal property and centrally assessed.

- 10. Tax List Corrections-prepare tax list correction documents for county board approval.
- 11. County Board of Equalization-attend county board of equalization meetings for valuation protests-assemble and provide information.
- 12. TERC Appeals-prepare information and attend appeal hearings before TERC, defend valuation.
- 13. Education: attend meetings, workshops, and educational classes to obtain required hours of continuing education to maintain certification.

#### **Conclusion**

Arthur County's financial situation is not the most secure. We are using Inheritance Tax Funds to support our General Fund. There will not be an increase in the assessor's budget this year. We have to make do with what we have. Hopefully I will be able to do the functions of the assessor's office with what I have to work with and will be able to maintain the records and physically inspect the county as stated in the assessment plan.

Respectfully submitted:

Becky Swanson Arthur Co. Assessor 06-15-2006

# Certification

This is to certify that the 2007 Reports and Opinions of the Property Tax Administrator have been sent to the following:

•Five copies to the Tax Equalization and Review Commission, by hand delivery.

•One copy to the Arthur County County Assessor, by certified mail, return receipt requested, 7005 1160 0001 1213 8013.

Dated this 9th day of April, 2007.

Cyndy Thompson Property Assessment & Taxation